

20000225.qrp v01_n742.qrl.20000225

Date: Fri, 25 Feb 2000 19:03:05 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1742

QRP-L Digest 1742

Topics covered in this issue include:

- 1) [64065] FS: Plastic Heater
by Ed Loranger <we6w@qsl.net>
- 2) [64066] QST letter
by GElam30092@aol.com
- 3) [64067] More and more on QRP
by "Dan W. Dooley" <dandooley@pipeline.com>
- 4) [64068] Re: South East Asia Qrp
by "Brian K. Miller" <millerbk@lancnews.infi.net>
- 5) [64069] RE: Gas pipe,cold water pipe,hot water pipe etc
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 6) [64070] [PROP] Fwd: Geomagnetic Activity Alert -- possible aurora tonight
by Bruce Toback <btoback@optc.com>
- 7) [64071] re: NorCal Surface Mount Transceiver in the Pipeline
by Wayne Burdick <n6kr@elecraft.com>
- 8) [64072] HB Schematic needed
by "George Allgood" <k4pym@carol.net>
- 9) [64073] Re: KIT: NorCal Surface Mount Transceiver in the Pipeline
by J38AL@aol.com
- 10) [64074] Re: Gas pipe,cold water pipe,hot water pipe etc
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 11) [64075] Re: Correction on Dayton QRP Banquet tickets
by Buck Switzer <n8cqa@tir.com>
- 12) [64076] RE:Baluns
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 13) [64077] Re: Radio Telescope
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 14) [64078] Power restrictions & common sense advice
by "Nils R. Young" <nilsbull@juno.com>
- 15) [64079] Another great QSO on the ISOTRON in my den
by N10DL@aol.com
- 16) [64080] Re: OT: Ban use of Cellphones?
by Jim Lowman <jmlowman@ix.netcom.com>
- 17) [64081] Re: ANT for 30 meters
by Ray Colbert <af852@rgfn.epcc.edu>
- 18) [64082] Re: OT: Ban use of Cellphones?
by neil <neil@aade.com>
- 19) [64083] CONTESTS: Watch out, Ron!

- by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 20) [64084] HW8 Meter Needed...??
by "Andy GMONWI" <GmOnwi@tesco.net>
- 21) [64085] Room confirmation for Dayton
by "Paul Gerhardt" <pgerhardt@hotmail.com>
- 22) [64086] Re: Gas pipe.cold water pipe,hot water pipe etc
by KB0R@aol.com
- 23) [64087] First QSO on K2 #789..plus a pelt!!
by "Don Wines" <dwines@tyler.net>
- 24) [64088] FOX: Thanks Tom es all.
by Shephed@aol.com
- 25) [64089] GROUNDS: gas pipes, hot water pipes
by Stuart Rohre <rohre@arlut.utexas.edu>
- 26) [64090] Re: Thanks Tom es all.
by "Don Wines" <dwines@tyler.net>
- 27) [64091] Fwd: ANTS: append. Testing Insulation/Dielecs.
by Stuart Rohre <rohre@arlut.utexas.edu>
- 28) [64092] Re: OT: Ban use of Cellphones?
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 29) [64093] Re: Thanks Tom es all.
by Shephed@aol.com
- 30) [64094] NorCal Surface Mount Kit Announcement Is Great!!
by "James R. Duffey" <jamesd1@flash.net>
- 31) [64095] Re: Gas pipe.cold water pipe,hot water pipe etc
by joe lerch <joelerch@earthlink.net>
- 32) [64096] FOX: N1TP
by Bruce Rattray <rattray@gpfn.sk.ca>
- 33) [64097] Grounds and pipes
by Pete Burbank <plburbank@kih.net>
- 34) [64098] Re: First QSO on K2 #789..plus a pelt!!
by "Don Wines" <dwines@tyler.net>
- 35) [64099] OT; Hal effect transistor ???
by patrick m kvitkauskas <pmk@juno.com>
- 36) [64100] Re: Thanks Tom es all.
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 37) [64101] Re: Counterpoise
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 38) [64102] Wrong list??
by Larry East <w1hue@amsat.org>
- 39) [64103] Batteries
by "Hal Schlotfeld" <kc0bdw@worldspy.net>
- 40) [64104] [FOX] N1TP Fox outing
by Macstein@aol.com
- 41) [64105] ANOTHER Kit??
by Larry East <w1hue@amsat.org>
- 42) [64106] OT: Ban use of Cellphones?
by KD1YV <kd1yv@mindspring.com>
- 43) [64107] RE: Speaking of websites-www.qrparci.org outage

- by Jim Stafford <w4qo@amsat.org>
- 44) [64108] Re: KIT: NorCal Surface Mount Transceiver in the Pipeline
by "Sly, 9M8SL" <cqsly@tm.net.my>
- 45) [64109] SD-20 poles
by "Harley L. Miller" <hmliller@sound.net>
- 46) [64110] Re: Wrong list??
by "Ron Smith" <resmith666@uswest.net>
- 47) [64111] FS/Trade Converted Sharp CB
by "Mike Duke" <k5xu@concentric.net>
- 48) [64112] OHR Classic Still FS
by "Mike Duke" <k5xu@concentric.net>
- 49) [64113] Re: [FOX] N1TP Fox outing
by Monte Stark <ku7y@dri.edu>
- 50) [64114] Re: OT; Hal effect transistor ???
by Jim/Julia <w7ls@blarg.net>
- 51) [64115] Fox Change:
by Monte Stark <ku7y@dri.edu>
- 52) [64116] FOX: N1TP "Preliminary Log." 2-25-00 - Tom in SW FL.
by tom palmer <n1tp@worldnet.att.net>
- 53) [64117] First Annual Second Class Operator's Club Marathon Sprint
by Bob Patten <n4bp@bc.seflin.org>
- 54) [64118] Re: Grounds and pipes
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 55) [64119] GROUNDS: gas pipes, hot water pipes
by "Brian J Keegan" <brimail@home.com>
- 56) [64120] Re: First Annual Second Class Operator's Club Marathon Sprint
by "Paul R. Valko" <prvalko@oakland.edu>
- 57) [64121] Total failure!!
by Fred Bennett N9TA <N9TA@worldnet.att.net>
- 58) [64122] Re: OT: Ban use of Cellphones?
by "Francis Callahan" <colcal@srv.net>
- 59) [64123] Hiking Safety
by "Ron Polityka" <wb3aal@talon.net>
- 60) [64124] Re: GROUNDS: gas pipes, hot water pipes
by Michael Neverdosky <mneverdosky@earthlink.net>
- 61) [64125] Re: SD-20 poles
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 62) [64126] QRP in USA and Elecraft K2 transceiver...
by =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
- 63) [64127] looking for QSL Maker URL
by "Tom Hybiske" <hybiske@generalatronics.com>
- 64) [64128] Re: FOX: Thanks Tom es all.
by Bob Hightower <nk7m@extremezone.com>
- 65) [64129] Re: looking for QSL Maker URL
by "John J. McDonough" <wb8rcr@arrl.net>
- 66) [64130] Re: FOX: N1TP
by Bob Hightower <nk7m@extremezone.com>
- 67) [64131] [RE]Fox Change

by "Wilford D. Lindsey" <70511.3041@compuserve.com>

68) [64132] Cheezy Fox Alert
by Bcieslak@ra.rockwell.com

69) [64133] Re: OT: Ban use of Cellphones?
by Monte Stark <ku7y@dri.edu>

70) [64134] FOX: W8RO a "Slim"
by "Paul R. Valko" <prvalko@oakland.edu>

71) [64135] RE: Gas pipe,cold water pipe,hot water pipe etc
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

72) [64136] B. G. Micro Comment
by "Dennis Payton" <dpayton@fwi.com>

73) [64137] Re: B. G. Micro Comment
by "John J. McDonough" <wb8rcr@arrl.net>

74) [64138] Re: FOX: N1TP "Preliminary Log." 2-25-00 - Tom in SW FL.
by "Pete (N9SSA)" <n9ssa@arrl.net>

75) [64139] Re: End fed wire and RFI
by John R Kirby <n3aaz-qrp@juno.com>

76) [64140] FS: Printer - Cheap!
by Larry East <w1hue@amsat.org>

77) [64141] Re: FOX: N1TP
by Bruce Rattray <rattray@gpfn.sk.ca>

78) [64142] ANT: HB Version of Super Loop 40 ??
by "Mark Adams" <k2qo@hotmail.com>

79) [64143] Re: GROUNDS: gas pipes, hot water pipes
by "William H. Launer" <launerb@crl.com>

80) [64144] Re: Total failure!!
by Wb8siw@aol.com

81) [64145] RE: GROUNDS: gas pipes, hot water pipes
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

82) [64146] RE: QRP in USA and Elecraft K2 transceiver...
by "John Scott" <kk5vh@texas.net>

83) [64147] Tentec Kits
by Bryan Koen <bryan@koen.net>

84) [64148] Archaeological dig uncovers steange board!
by Bruce Muscolino <w6toy@erols.com>

85) [64149] Re: Cheezy Fox Alert
by Michael Bower <bowerm@ix.netcom.com>

86) [64150] Thanks Roger & John, et al. re: Super CMOS keyer
by Makos327@aol.com

87) [64151] Re: B. G. Micro Comment
by Michael Bower <bowerm@ix.netcom.com>

88) [64152] 10m digital DX, my 2nd floor ground system & a water pump run by SMT
relays
by Nils R Young <nilsbull@juno.com>

89) [64153] WTB: Powermites
by jmarran@juno.com

90) [64154] KITS: NorCal Surface Mount Transceiver in the Pipeline (Update &
Thankyou)

- by "Doug Hendricks" <ki6ds@hotmail.com>
- 91) [64155] Re: KIT: NorCal Surface Mount Transceiver in the Pipeline
by Curt Milton <wb8yyy@yahoo.com>
- 92) [64156] Idea for NorCal SMT kit.
by FrConrad@aol.com
- 93) [64157] FOX:What?
by Ed Loranger <we6w@qsl.net>
- 94) [64158] Re: FOX:What?
by Ed Loranger <we6w@qsl.net>
- 95) [64159] Rigs for sale
by "Greg Wasik" <k1yw@hotmail.com>
- 96) [64160] RE: Gas pipe.cold water pipe,hot water pipe etc: SOLUTION!
by Ed Loranger <we6w@qsl.net>
- 97) [64161] Re: Tentec Kits
by Chuck Milhorn <cmilhorn@yahoo.com>
- 98) [64162] RE: Gas pipe.cold water pipe,hot water pipe etc: SOLUTION!
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.1-3com.com>
- 99) [64163] Re: KITS: NorCal Surface Mount Transceiver in the Pipeline
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 100) [64164] Re: Archaeological digs and time warps
by "David Benson" <nn1g@earthlink.net>
- 101) [64165] From the new to the very old, and yes, QRP
by "Dan W. Dooley" <dandooley@pipeline.com>
- 102) [64166] RE: Archaeological digs and time warps
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
- 103) [64167] Gas Pipes
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 104) [64168] Re: Cheezy Fox ALert
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 105) [64169] QRP Tuner
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 106) [64170] Re: Cheezy Fox ALert
by "Paul R. Valko" <prvalko@oakland.edu>
- 107) [64171] Re: QRP in USA and Elecraft K2 transceiver...
by hamjoel@juno.com
- 108) [64172] Re: looking for QSL Maker URL
by Bob Patten <n4bp@bc.seflin.org>
- 109) [64173] G0JJQ Wayne
by "KA5T Larry Wise" <lewise@inetport.com>
- 110) [64174] Building with SMT parts
by "Steven Weber" <kd1jv@moose.ncia.net>
- 111) [64175] Re:Drake rigs at QRP
by Ed Loranger <we6w@qsl.net>
- 112) [64176] A Cajun Mama's Solution to Grounds
by hamjoel@juno.com
- 113) [64177] New Product / And a RealAudio Test Tonite
by wpc@west.net (ElectronicsUSA.com)
- 114) [64178] Re: FOX: N1TP "Preliminary Log." 2-25-00 - Tom in SW FL.

by Brian <brian@iquest.net>
115) [64179] Re: QRP in USA and Elecraft K2 transceiver...
by "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
116) [64180] Re: FOX: N1TP
by tom palmer <n1tp@worldnet.att.net>
117) [64181] Re: [FOX] N1TP Fox outing
by K1JD@aol.com
118) [64182] Use 1N5711s in WM-2?
by Ken Knecht <kenk@primenet.com>
119) [64183] CQC QSO Party Sunday - Rules & Clarification
by "Marshall Emm" <mgemm@mtechnologies.com>
120) [64184] W0CQC on Sunday
by "Marshall Emm" <mgemm@mtechnologies.com>
121) [64185] Re: B. G. Micro Comment
by Dick Carroll <dixie@townsqsr.com>
122) [64186] cruise thanks
by "Richard and L. C. Hayden" <rhayden@dzdn.com>
123) [64187] LOOP Antenna Article from 1967.
by Ed Loranger <we6w@qsl.net>

Date: Thu, 24 Feb 2000 16:05:14 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64065] FS: Plastic Heater
Message-ID: <38B5C73A.18FA06B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Used only once.

hahahahahahahahahahah!

--
-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Thu, 24 Feb 2000 19:07:04 EST
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [64066] QST letter
Message-ID: <d8.19da8a0.25e721a8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Someone mentioned my letter in the QST a week or so ago. I got a note in the mail today from someone who read it in the mail today.

I've been down for the last week. I hit a car load of teenagers who decided to turn left in front of me last week. I was in a '95 Discovery which sustained a minimum amount of damage considering that the other car ('95 Toyota) was totaled. But, I pulled some muscles and am faced with 4-6 weeks of physical therapy.

This guy, a ham for 42 years is from Alexander City AL, read the QST note and wrote me a nice note to say how much he enjoyed it. He noted that two of his sons had graduated from Auburn and he talked about two Heathkit HW7's that he built years ago.

Then he offered both of those radios to me at no cost. I'm not sure of the value of these but that's not the point. He wants them to go to someone who treasure them and understands the thrill of building a kit.

Notes like this really picks you up eh?

Cheers,
Gerry Elam
PHX AZ

Date: Thu, 24 Feb 2000 18:08:14 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [64067] More and more on QRP
Message-ID: <001301bf7f24\$6b6fc320\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you work another station on CW, what's the chance that other station is going to be QRP too?

Methinks, more and more chance....

Just worked W1YT in NH this afternoon. He told me he was running 5 watts. I returned that I was running 4 watts.

Think I ought to try QRP/QRP WAS.

Oh yea, I guess 4 - 5 watts is QRO these days. <grin>

Dan W. Dooley WB5TKA Bedford, Texas EM12ku

e-mail to: dandoooley@pipeline.com

May Goddes love blest ye alle

SOC#198

"Ancient Pistol, I do partly understand your meaning."

Date: Thu, 24 Feb 2000 19:16:06 -0500

From: "Brian K. Miller" <millerbk@lancnews.infi.net>

To: solitsky@acsu.buffalo.edu, qrp-1@Lehigh.EDU

Subject: [64068] Re: South East Asia Qrp

Message-ID: <38B5C9C6.DF2777B6@lancnews.infi.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Scott,

Wondering where you are going. My wife is Indonesian and I have visited Indonesia several times, but wasn't active at the time. Next time we go back, I hope to do a little operating.

Ham radio in Indonesia is fairly popular. Saw lots and lots of tribanders and bigger above many rooftops, in especially in Jakarta. Two meters is a lot like CB here though, according to my wife. Her brother played around with 2meters a number of years ago. It's often used to organize clandestant romance according to her!

72/73

Cheers and have a good trip!

Brian

k3zen

"Scott E. Olitsky" wrote:

> I will be in Southeast Asia next month and hope to operate while there. Can
> anyone on the west coast of the US give me some idea of how realistic qrp
> contact might be from that part of the world back to the US?

>

> Thanks

>

> Scott

> AC3A

Date: Thu, 24 Feb 2000 18:25:12 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [64069] RE: Gas pipe.cold water pipe,hot water pipe etc
Message-ID: <000201bf7f26\$c8552010\$463dc6d8@wb5rue>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't remember saying that you had a plastic heater. All I said was that for the most part water heaters, ones less than about 20 years old, are plastic. That deals with most of the heaters in use today. Don't get your shorts in a not. Take a deep breath and calm down.

Kevin, WB5RUE

> -----Original Message-----
> From: RangerSF5@aol.com [mailto:RangerSF5@aol.com]
> Sent: Thursday, February 24, 2000 5:37 PM
> To: wb5rue@stic.net; qrp-1@lehigh.edu
> Subject: Re: Gas pipe.cold water pipe,hot water pipe etc
>
> I DON'T HAVE A PLASTIC HEATER & NEVER SAID I DID.
> WE HAVE A REAL HEATER HERE!
>

Date: Thu, 24 Feb 2000 17:31:36 -0700
From: Bruce Toback <btoback@optc.com>
To: <qrp-1@lehigh.edu>
Subject: [64070] [PROP] Fwd: Geomagnetic Activity Alert -- possible aurora tonight
Message-ID: <200002250035.RAA18898@landru.optc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

----- Begin Forwarded Message -----
Date: 2/24/00 6:10 PM
Received: 2/24/00 5:27 PM
From: Space Science News, express@spacescience.com
To: Space Science News, sciencenews@spacescience.sparklist.com

Space Science News for February 24, 2000

A gust of solar wind on February 24 at 1430 UT may have triggered an intense geomagnetic substorm recorded by NASA's Polar satellite. That event is subsiding, but the solar wind velocity is still high and variable.

Observers in Alaska, Canada, and the northern tier of US states should be

on the lookout for active aurora tonight. More information and updates about the ongoing geomagnetic disturbance will be posted at <http://www.spaceweather.com> .

[SpaceWeather.com](http://www.spaceweather.com)

Aurora and other geomagnetic events will be easier to predict when space physicists have a global view of Earth's magnetosphere and better space weather diagnostics. A new NASA mission to the magnetosphere, called IMAGE, is slated for launch on March 15, 2000. For more information about this space weather satellite, please see this headline story from the NASA/Marshall Space Flight Center:

http://www.spacescience.com/headlines/y2000/ast24feb_1m.htm

[Space Weather Mission Nears Launch](http://www.spacescience.com/headlines/y2000/ast24feb_1m.htm)

----- End Forwarded Message -----

Bruce Toback Tel: (602) 996-8601 | My candle burns at both ends;
OPT, Inc. (800) 858-4507 | It will not last the night;
11801 N. Tatum Blvd. Ste. 142 | But ah, my foes, and oh, my friends -
Phoenix AZ 85028 | It gives a lovely light.
btoback@optc.com | -- Edna St. Vincent Millay

Date: Thu, 24 Feb 2000 16:39:38 -0800
From: Wayne Burdick <n6kr@elecraft.com>
To: qrp-l@lehigh.edu
Subject: [64071] re: NorCal Surface Mount Transceiver in the Pipeline

Message-ID: <v03102811b4db75e710ea@[206.169.249.174]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>Why are we doing this? Because guys, through hole parts are going
>away. For us to be on the cutting edge, to do new things, we will have to
>bite the bullet and use surface mount parts.

Doug,

I hope you do complete the SMK (surface-mount kit), and I'm sure it will be an instructive project for you, the designer, and builders. It will be intriguing to see so much functionality packed into a small space. (Of course it can be done with through-hole parts, too--remember Jeff Anderson's DC transceiver in a 9V battery case?)

However, humans with normal-size hands and average vision will be happy to know that through-hole parts will not be going away. Exotic parts like DDS chips, which are destined for cell phones and other consumer products, will only be available in surface mount. But building-block parts, including discretes, op-amps, SSI/MSI logic, etc., will be around for a very long time. Prototyping and low- to medium-volume production commercial equipment will continue to favor parts with leads and will keep these parts cost-effective for the manufacturers.

One way to look at an electronic component is as a unit of creativity. This is also true of basic hardware like nuts, screws, and washers: if you reduce the size of an object below that which can be easily handled by an experimenter, it ceases to be useful for experiments. The market for hardware you can hold in your hand has not disappeared, despite the fact that many products are made using injection molding, automated welding, CNC milling, etc.

It's true that programmable logic devices and DSP have created a new kind of design which is amenable to iteration in software. But a good portion of the world's designers do their design work iteratively, using prototyping boards, cut and try, etc., and they will continue to demand through-hole parts.

73,
Wayne

Date: Thu, 24 Feb 2000 19:38:27 -0500

From: "George Allgood" <k4pym@carol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [64072] HB Schematic needed
Message-ID: <000801bf7f28\$a28afba0\$97c9eed0@oem>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an RS DX-350 reciever with no manual or schematic.
I'd like to add a BFO to the little unit for several purposes.
Anyone know where I might find a roadmap to this discontinued
reciever?
George
k4pym@carol.net
Walhalla, SC

Date: Thu, 24 Feb 2000 20:00:04 EST
From: J38AL@aol.com
To: qrp-1@lehigh.edu
Subject: [64073] Re: KIT: NorCal Surface Mount Transceiver in the Pipeline
Message-ID: <a7.1e14de0.25e72e14@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

<< One doesn't need new SMT parts to learn. Just pick up an obsolete IBM PC
card ISA/PCI/VESA or whatever which you no longer need. Practice
desoldering,
then solder these SMT parts back. I bet you will be an expert in SMT work
in no time! >>

THANKS NORCAL !!!!!!! Can't wait for this one. And if you want to learn
to solder these tiny ticks of the electronics world, Dan's Small Parts offers
a grab bag of 100 or so SMT parts for about a buck ~ and a half. Lots of
IC's, diodes, res & caps, etc. Cheap way to learn.

73, Al N2ZHS
Scotia, NY

Date: Fri, 25 Feb 2000 11:59:55 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [64074] Re: Gas pipe.cold water pipe,hot water pipe etc
Message-ID: <38B5D40B.912250FA@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I thought we had done the topic of grounds to death a few months back.
However as a retired plumber/gas fitter with an electrical and
electronics background take this piece of advice, NEVER use water / gas
services for grounding your equipment.

I won't bore everyone to death by stating again the obvious safety
reasons why. Just find an effective substitute ground system according
to your particular needs and applicable to your environment.

--
72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Thu, 24 Feb 2000 20:08:06 -0500
From: Buck Switzer <n8cqa@tir.com>
To: ham@w3eax.umd.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, n8cqa@tir.com
Subject: [64075] Re: Correction on Dayton QRP Banquet tickets
Message-ID: <38B5D5F6.FC6C15C7@tir.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Scott Rosenfeld [N7JI]" wrote:

>
> The banquet is still May 19th at 7:00 p.m. at the Days Inn Dayton South,
> Miamisburg.
>
> Wayne Burdick, N6KR, is still the keynote speaker.
>
> However, we'll be using Ken Evans as the registrar.
>

> Please send check / money order made out to QRP ARCI to
>
> Ken Evans W4DU
> 848 Valbrook Court
> Lilburn, GA 30047
>
> Please bring your appetite - and SEE YA THERE!
>
> 72,
>
> Scott N7JI
>
> Scott Rosenfeld ARS N7JI
> 541-684-9970 Eugene, OR Land o' much rain
> If you find me on the air, I'm probably in my car
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>
Scott et al - FWIW The Days Inn Dayton South is now a Ramada Inn. Same
location, same staff, completely rebuilt rooms, restaurant and Lobby.
Change happened this Fall and our contacts at the hotel seem very
pleased.

73 Buck N8CQA

Date: Thu, 24 Feb 2000 19:16:48 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <hdeitz@ms.rose.cc.ok.us>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [64076] RE:Baluns
Message-ID: <003d01bf7f2d\$feef1340\$5b5c32cf@tcac.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
Subject: RE:Baluns

>
> I wouldn't run coax to any type of balanced antenna
without one! It is just
> plain ignorant (that means you do not understand the
reasoning for using
> one, it is not a profane slur) not to use one.
>

I'm sorta with Ron on this. If the antenna is balanced, why do you need a balun? There may be a few reasons, as L.B. pointed out, but the balun is hardly mandatory in all cases, IMHO.

I've heard two reasons: (1) rf in the shack, and (2) messing up your radiation.

Imbalance in the antenna due to nearby structures and so forth cause unbalanced currents in the feeder. So does having the feeder come off nearer to one side of the antenna than the other. In other words, not at right angles.

Unbalance in the feeder makes it radiate. If the feeder comes into the house in the vicinity of the TV, it can cause TVI by simple overload, clean signal or not.

And the feedline radiation also means your radiation pattern isn't as pretty as it was on EZNEC. That may be meaningful for high performance beams and so forth, but I usually don't have a favored direction (or polarization) with my dipoles anyway. If the power is being radiated (other than into my TV or computer), I'm happy.

So yeah, there are often good reasons for using a balun, but there are plenty of cases where you don't need one either.

72,

Nick, WA5BDU
in Arkansas
SOC #36

Date: Thu, 24 Feb 2000 20:34:31 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [64077] Re: Radio Telescope
Message-ID: <38B5DC27.F165DD72@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Very neat URL. It looks like most everything you need is laying around the average QRPer shack or junkbox.

Who holds the Parsecs per Watt record??? ;-)

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Thu, 24 Feb 2000 20:27:07 -0500

From: "Nils R. Young" <nilsbull@juno.com>

To: QRP-L@lehigh.edu

Subject: [64078] Power restrictions & common sense advice

Message-ID: <20000224.203157.-302757.0.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang,

Jack McDuff is on the player & there's a glass of Swedish medication elixir in front of me. And, after much cussin' & howlin', I have moved the TR7 into the house so it can sit on top of the computer desk/stand & play digital radiomode.

A few folks had suggested that I should be extra careful not to over run or overdrive the K2 using digital modes, especially since I'd be running over 50% DS on it. And, figuring that the K2 would top out at around 15W & the TR7 would top out at about 100, I dragged the TR7 inside & made a place for it at home. In the house & out of the weather.

And since I don't want to fry the TR7 either (giving some respect for its age of more than 20 years of service), I borped the ALC back to top out at 25 W. So when I turn up the jams on Hellschreiber, the ALC light comes on plenty early enough for me to know not to push things.

This is way backwards of what I used to do on the LNR sessions with the 3968 gang. Back then we borped the ALC the other direction, disabling that feature so that we could sound big signal. Even if it was just a HW101 sittin' on the bench. And there are times when I wish that I had a radio as robust as that old beastie was 'fore I blew it up. (And no, it didn't die on LNR. It croaked after a couple hours of blizzard traffic

back somewhere around 1976 or 77. I don't remember too good. I think John Wayne was in it.) Maybe I'll find one of them single bander HW series boxes this year at Dayton. Yeah, right. And have money to buy it with too. 'Nother "yeah, right."

So I am now nominally hosed up to run from PSK to Hell and back & save the K2 for lighter duty QRP moments . . . like the beach, which will be really weird this year I figure.

See yas on d'air, dudes & dudesses.

73

Nils

Nils R. B. Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://home.fiberia.com/wb8ijn> -- W8IJN --

<http://members.xoom.com/nilsbull>

"In my day we had to FIGHT to have signatures! Every DAY was a STRUGGLE!"
-- Comrade Nikolai Sergeievich

McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 24 Feb 2000 20:46:21 EST

From: N10DL@aol.com

To: qrp-1@lehigh.edu

Subject: [64079] Another great QSO on the ISOTRON in my den

Message-ID: <b1.1e508db.25e738ed@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Just had a great QRP/QRP Qso with Chris, FM/F6FTB, in Martinique on 14.060 at 0130Z. He gave me a 449, but I would be happy with a 229. This is with the ISOTRON mounted on a PVC mast leaning in the corner of my family room. BOY...am I having lots of fun gang....Well...back to dit dit now.... was again using the SST at 2 watts.

Aron

N10DL/qrp

Date: Thu, 24 Feb 2000 17:44:21 -0800
From: Jim Lowman <jmlowman@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [64080] Re: OT: Ban use of Cellphones?
Message-ID: <38B5DE75.7898DFBE@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wb8siw@aol.com wrote:

>
> With respect to the ban on cellphones.....

> These legislators should work on revoking the drivers licenses and
> restricting the movement of dangerous, drunk, or poor drivers. I guess they
> view these cell phones bans in much the same way they view gun laws...a
> simple solution for a complex social problem (which, in the end, won't work
> anyway).

Agreed. However, I wonder how much of the proposed sentiment is really directed at safety issues, as opposed to disgust with cellphone use?

Usually I'm a "technology for the sake of technology" sort of person but, seeing the daily abuse of these cellphones makes me wish that this technology had never made into the hands of the average citizen.

But it isn't the technology that is at fault; it's the usual lack of common sense and courtesy on the part of the user.

Would you believe that the number one complaint in restaurants is people using cellphones at their tables?

Even being a ham for many years, I fail to see the need for that much communication. We even have college students out here with the *%^\$# things on campus.

72 de Jim - AD6CW

Date: Thu, 24 Feb 2000 18:49:44 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: mzframes@midcoast.com
Subject: [64081] Re: ANT for 30 meters

Message-ID: <38B5DFB8.F7178740@rgfn.epcc.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

That is the Hy-Gain 18V vertical. I used one when the band was first opened and it worked quite well. I don't recall exactly how I arrived at the right turn, but you should have on your spec sheet, the settings for the different bands 80-10. Choose a coil turn approximately halfway between the 20 and 40 meter setting. You should be able to use a noise bridge or if you have the MFJ type analyzer adjust the tap to the correct point on the coil. It may be out of line from where the other taps are - I seem to recall it was. But with the 22023 ft radials, it did work quite well. If you have a tuner, you could bypass the coil and feed the vertical directly and let the tuner handle the mismatch. I still use the remnants of the 18v, without the coil, but with a couple of radials as the noise antenna for the MFJ noise canceller. so go for it.

73 and gl

Ray

--

"The more I see of the representatives of the people,
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78

(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Thu, 24 Feb 2000 18:03:13 -0800

From: neil <neil@aade.com>

To: jmlowman@ix.netcom.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [64082] Re: OT: Ban use of Cellphones?

Message-ID: <38B5E2E1.6088926@aade.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

There seem to be some who feel laws about using cell phones is a violation of personal freedom.

Maybe so, but I think the proponents feel like

I would be very sad if you killed yourself because you were talking on your cell phone while driving.

I would resent it very much if you killed me while doing it.

--

Neil
http://www.aade.com
mailto:neil@aade.com
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Thu, 24 Feb 2000 18:15:11 -0800
From: "Alan Kaul" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64083] CONTESTS: Watch out, Ron!
Message-ID: <003401bf7f36\$262ce060\$ab0b480c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is a bit delayed ...just got back from a great family ski vacation at Lake Tahoe. And I found a little time to operate from NEVADA to give KU7Y some competition in his home section in last weekend's ARRL CW contest. Propagation was fantastic and while operating conditions were scenic -- they were absolutely miserable. My 95' Chev Suburban was parked about 100 yards from Lake Tahoe in Incline Village. I used the Radio Shack HTX-100 (a horrible rig in CW contests because it tunes like a DC receiver -- each signal is audible on both sides of zero-beat, so the band sounds twice as crowded as it really is ---- I called some stations a dozen times before I found their receiver's passband). The Bencher was on my knee, and a K40-baseloaded-whip was on the roof. I missed operating the first 23-hours of the contest. But despite time off for skiing, in about 3-hours I managed 33-QSOs with 11 countries for just under 1100 points.

How miserable was it? Despite keeping the motor off to minimize noise (thus no heater either!)... sub-freezing temperatures and intermittent snow, it was absolutely TERRIFIC.

If only I would have had one of those newly-announced Norcal SMT rigs for single-signal CW reception! Oh, well. There's always next year!

72/73 de w6rcl/7 (formerly) and now home in
almost-as-chilly-Southern-California.

Alan Kaul w6rc1@amsat.org LaCanada, CA

Date: Fri, 25 Feb 2000 02:03:46 -0000
From: "Andy GM0NWI" <Gm0nwi@tesco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [64084] HW8 Meter Needed..??
Message-ID: <000801bf7f34\$8ef65b00\$781dac3e@q1n3l2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Guy`s....

Here I am again looking for that "devine intervention" that y'all seem to provide for me when the "searchin" get`s touch...

Just spent the last few day`s gettin` the beloved HW8 rig ready for a complete over haul (a long going saga if you've been followin` my "plea" postin`s)....

The story is that I have been for a while now "ressurectin`" an old HW8 that I aquired some time back, it's coming along "fine `n` dandy", as they say,
I've had a fantastic amount of help from a great number of you guy`s here on the list, and I thank you all again so much, without you I would`nt be able to do this challenge....

I am by nature physically handicapped, confined to a wheelchair for mobility, and thus find it hard to get to all the "flea market`s" for those harder to find "bargains" as regard componants etc...

I am at the moment in need of a replacement "RELATIVE POWER/signal meter" for my HW8, as I have now found to my dismay that the original one is not working at all...(any idea`s on the cause guy`s), so will need to be looking for a working one to get the challenge back on track..

I've just looked in my HW8 Manual and the part number SEEMS to be indicated as 407-167..... this can be found on PAGE 47 of the manual,
it is causing me GREAT GRIEF here guy`s, as you can imagine that the land mass size of both you guy`s in the US and you guy`s in VE-land is much more larger than compared to us here in the UK, so this has lend itself to the problem that there is an EVEN GREATER shortage of spares for these "QRP Gem`s" to be had, this coupled with my physical disposition

makes it even more of an arduas task...

I've put out a few postin's in the last few day's but nothin' solid to go on yet,
has been found... really need help on this one...

So..if there is anything that YOU think you might be able to help me with on this one, please can you e-mail me direct to the address below.... I will as
always, offer, to pay for any item's found and there subsequent shipping etc...

Thanks again for the bandwidth guy's..... SO MUCH appreciated by this here individual, I can tell ya, more than you can imagine, thanks for the patience too..... there no doubt WILL be more "pleas" to come..

72's de Andy GM0NWI gm0nwi@tesco.net
Long Live QRP...!!

G-QRP No.9576

Date: Thu, 24 Feb 2000 21:27:01 EST
From: "Paul Gerhardt" <pgerhardt@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [64085] Room confirmation for Dayton
Message-ID: <20000225022702.25898.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Call Ramada Inn at 937-847-8422. The 888-298-2054 seemed to work also and it is toll free. The original message dated 12 Feb from Hank had the phone number wrong I think....jfyi if you are getting a room at the Ramada (formerly Days Inn)

See Ya there....

Paul Gerhardt K3PG
Centreville MD....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 24 Feb 2000 21:27:17 EST
From: KB0R@aol.com
To: wb5rue@stic.net, qrp-1@lehigh.edu
Subject: [64086] Re: Gas pipe.cold water pipe,hot water pipe etc
Message-ID: <86.1034f53.25e74285@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Did I miss the point of the original question? I thought he was asking about using a radiator pipe from his home heating system. I have been thinking about doing the same as I have baseboard radiators, and my radio is on the second floor. My radiators are all 3/4" copper and go to the boiler in the basement where there is a direct copper water supply from the cold water system. I don't see any difference between using the radiator pipes and running a heavy ground strap to the basement and attaching it to the cold water supply.

By design, my boiler has a gas line also going to it.

Date: Thu, 24 Feb 2000 21:08:57 -0600
From: "Don Wines" <dwines@tyler.net>
To: "QRP-L LIST" <qrp-1@lehigh.edu>, <elecraft@qth.net>
Subject: [64087] First QSO on K2 #789..plus a pelt!!
Message-ID: <003301bf7f3d\$c2f60960\$339086d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Double your pleasure.....Got my 1st QSO on K2 #789 tonight and it was the pelt of that fuzzy little foxy critter at 0224!! Thanks for both, Tom!

It took a while to get this little jewel on the air but, boy was it worth it! I finally got the new PLL xtals installed and that cured my receive problems. I got everything all tuned up and what a great little rig! The receiver is every bit as good, if not better, than my IC-746. I was running on the battery at 4.8 watts according to the K2's meter, but was using a G5RV with no tuner or external meter so I don't know what the actual SWR or output was. Probably a lot and very little respectively! The finals never even got warm but the Mojo was hot!!

What a rush!

Now to settle down, get back to the soldering iron and finish the SSB board!
I am anxiously awaiting the ATU!

72/73

Don, K5DW

QRP-L #2083

k5dw@arrl.net

Date: Thu, 24 Feb 2000 22:15:35 EST
From: Shepherd@aol.com
To: qrp-l@lehigh.edu
Subject: [64088] FOX: Thanks Tom es all.
Message-ID: <66.1832836.25e74dd7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Thanks for the last pelt of the season Tom.
Setup here is a Knwd 440 @ 5 watts to a G5RV.

Also, thanks to all the Foxii for a great season.

Sniff, sniff, we need a summer Fox hunt. :-)

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #--6, QRP-l #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

Date: Thu, 24 Feb 2000 21:28:03 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Cc: Stuart Rohre <rohre@arlut.utexas.edu>
Subject: [64089] GROUNDSD: gas pipes, hot water pipes
Message-ID: <MailDrop1.2d7j.1000224212803@rohre.arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Let's sum up some facts about the gas line being a no no for grounds.

Originally, gas lines to homes and businesses were put in with iron pipe. Repeated replacements were necessary with the corrosion found in some soils. Induced currents, such as from attempts to ground high power RF transmission systems, might further set up detrimental current, hastening corrosion of pipe.

One way of protecting buried metal lines, either natural gas, or petroleum lines, is various cathodic protection schemes, to prevent dissimilar metal currents being developed, and hastening corrosion failure of the pipe. One of the ways is to place a protective current on the line, to reverse the plating effect, if you will. Another, more common in marine and water exposure, is to have a more active sacrificial electrode metal attached to the iron or steel. Starting with gas line replacements in the 50's that I witnessed near home, utilities put in lines with iron pipe wrapped in protective paper or corrosion resistant coverings. (It was very labor intensive to tar coat and wrap the welded pipe sections before lowering them into the street trench.)

Even those pipes eventually corroded, and were replaced. Now the 80's came along with the increased use of plastic pipes by utilities, and the orange plastic pipe was favored for natural gas. Note the above ground connections to hang your meter are still done with metal pipe, but the underground is plastic, and like PVC water pipe, are not of use for RF grounding.

Corrosion was prevalent in hot water heaters connections, until the newer metal tanks of the 90's started either coming with a insulated pipe coupling, or couplings could be purchased to break up the metal to metal contact of older metal tanks, especially if used with flexible copper water lines to the wall.

(If you did not use the insulated coupling, in about 5 years, you might have a pin hole leak in your copper tubing.)

The point here, is any piping system connected to earth is probably not a suitable candidate any longer for any RF grounding purpose, and may induce damage in metal pipe systems! There probably is not any risk of explosion, fire, etc. unless the pipe is breached, and gas mixes with air. Remember, a flame in the gas rich vapor inside the pipe will not ignite until oxygen is present in sufficient percentage, TV stunts notwithstanding. (Trust me, I am also a fireman.)

As to high voltages with QRP, (5 watts), let us go back to Ohms Law and do a sanity check:

The far end of a half wave center fed dipole might be as much as 3000 ohms, give or take a k for end effects. That works out to roughly 120 volts, actually a little more, but not too high. Now that would be worse case, SURELY no ground is going to be that poor for RF. Let's say it was 1000 ohms, still pretty high impedance. The voltage drops to just over 70 volts. But

really, earth impedance probably would be closer to 100 ohms worst case. NOW 5 watts QRP would produce only 22 volts, which is pretty low. Utilities and the Electric Code usually expect Earth to be 5 to 10 ohms, as a high side value. It is doubtful that QRP could spark in those ranges.

Let's not use gas pipes for RF ground for the right reasons: Gas company says no. Iron pipe is a poorer conductor than copper wire, and may not be long enough to have good contact (low impedance) to the earth. We also do not want to introduce any stray currents into a system that suffers corrosion, and thus might cause a leak. (The RF voltages at the ground end of a QRP system should be low and safe as long as you are not at the end of a quarter wave line for the frequency.) The lack of metal in city water meter to house lines, is also a reason to not use the inside metal water pipes for your RF ground. Water mains are now concrete or plastic in rework or new construction in this part of the country, (Southwest). The best RF ground, is the one you create with your own buried copper, or use center fed dipoles that do not need an RF ground at all. The ground rod, is for static charge dissipation, and has not helped DXCC unless you have exceptional RF dirt at your QTH!

72, and good RF earthing,
Stuart K5KVH
Austin TX

Date: Thu, 24 Feb 2000 21:21:57 -0600
From: "Don Wines" <dwines@tyler.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64090] Re: Thanks Tom es all.
Message-ID: <004b01bf7f3f\$7a0246e0\$339086d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dan sniffed:

> Thanks for the last pelt of the season Tom.

Did I miss something? Have the March hunts been canceled?

72/73
Don, K5DW
QRP-L #2083
k5dw@arrl.net

Date: Thu, 24 Feb 2000 21:30:16 -0500
From: Stuart Rohre <rohrer@arlut.utexas.edu>
To: qrp-1@lehigh.edu
Cc: Stuart Rohre <rohrer@arlut.utexas.edu>
Subject: [64091] Fwd: ANTS: append. Testing Insulation/Dielecs.
Message-ID: <MailDrop1.2d7j.1000224213016@rohrer.arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Return-Path: <rohrer@imap-server.arlut.utexas.edu>
Received: from [129.116.192.166] (rohrer.arlut.utexas.edu [129.116.192.166])
by ns1.arlut.utexas.edu (8.9.1a/8.9.1) with SMTP id UAA08585
for <rohrer@imap-server.arlut.utexas.edu>; Thu, 24 Feb 2000 20:39:35 -0600
(CST)
Date: Thu, 24 Feb 2000 20:43:23 -0500
From: Stuart Rohre <rohrer@arlut.utexas.edu>
Subject: ANTS: append. Testing Insulation/Dielecs.
cc: Stuart Rohre <rohrer@arlut.utexas.edu>
Message-ID: <MailDrop1.2d7j.1000224204323@rohrer.arlut.utexas.edu>
X-Authenticated: <rohrer@ns1.arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Oops,
I am using a new mail program, and do not get to see the message being sent,
and did not realize the sig line was incomplete on the Microwave test
justification message.

Of course,
Stuart K5KVH
Austin TX

Now the fact that nylon was one of the insulations with a lower loss factor,
points out a nice field antenna expedient that experienced back pack QRP folks
probably know. You can, for QRP, and QRO, use dry nylon twine for your
antenna support and insulators for your thin wires, with just as good a result
as using other plastic insulators. Around here, such rain as we have comes
with lightning, thus a wet insulator rope does not find my RF trying to
radiate! :-)

Another source of antenna insulators, and hoisting line, is use of the plastic

knives and spoons of "picnic paks", and fishing line. Using a combination of plastic picnic pac utensils with holes drilled in handles for the no. 14 copper antenna wires in my attic has worked for even 100 watt QRO transmissions for 23 years, as well as for QRP. Some QRP'ers report using monofilament fishing line for even the insulators on magnet wire gauge, or thin hook up wire antennas.

72, Stuart K5KVH

Austin

-----End Of Forwarded Message -----

Date: Fri, 25 Feb 2000 14:27:00 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64092] Re: OT: Ban use of Cellphones?
Message-ID: <38B5F684.E97DC412@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

neil wrote:

> I would resent it very much if you killed me while doing it.

Mate, that line (intentional / unintentional?) totally cracked me up!

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Thu, 24 Feb 2000 22:30:26 EST
From: Shephed@aol.com
To: dwines@tyler.net, qrp-l@lehigh.edu
Subject: [64093] Re: Thanks Tom es all.
Message-ID: <84.1df3cb6.25e75152@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 2/24/00 10:26:17 PM Eastern Standard Time,
dwines@tyler.net writes:

> Dan sniffed:

>

> > Thanks for the last pelt of the season Tom.

>

>

> Did I miss something? Have the March hunts been canceled?

>

No Don, you right, it's N8IE that need to look on the other side of his
printout of the schedule. :-)

What a putz.

Sorry, it's been a tough week.

Now, can I remove my foot from my mouth without drawing attention to
myself.....

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

Date: Thu, 24 Feb 2000 20:35:58 -0700

From: "James R. Duffey" <jamesd1@flash.net>

To: "qrp-1" <qrp-1@lehigh.edu>

Cc: ki6ds@dpol.k12.ca.us

Subject: [64094] NorCal Surface Mount Kit Announcement Is Great!!

Message-ID: <200002250336.VAA00647@ogopogo.flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

I participated in the great NorCal/TICK keyer experiment at Ft. Tuthill
last summer. I had no idea that Doug was running us like rats in a maze!
Now I know what laboratory animals feel like. I pushed the lever and got
a keyer. Doug got a data point. Having thus been conditioned to
reward/response behavior I will expect a beer the next time I see Doug!
That freshman psychology course took!

It was a blast. I have a working keyer out of the deal and a good
appreciation for surface mount work. I won't say it was easy, but it
wasn't hard either. Just a change in the way we build things. Most

builders should be able to work with it. If somebody starts out with this construction technique they would probably would not think it difficult. It probably is like the change from point to point wiring to printed circuit boards.

It helps if you are near sighted and take off your glasses to reduce your eye's near focus distance. If you have normal vision or are far sighted a binocular magnifier is very useful. Sears has these for not too much money.

Doug and the "masked designer" made a good choice in 10 M as a choice of the band to be introduced. There aren't many 10 M rigs available. 10M will be good for a year or two after the solar cycle maximum. Propagation depends more on the "smoothed sunspot number" than it does on the daily value. That is, the propagation depends more on what the average sunspot number has been for the last 90 days than what it is for today. The high bands are always better on the downside of the sunspot cycle than they are on the up side.

I hope that the designer includes 29.3 MHz to 29.5 MHz in the design so that the rig can be used for satellite use. Two of the proposed rigs, one for 10 M (receive) and one for 15 M (transmit), will make a great portable mode K satellite rig. A 10 M rig and a 2 M handie talkie will make a beginning mode A station.

Also, even at the sunspot minimum, 10 M can be a blast during the sporadic E season. This occurs from June to August, less often from December through February and occasionally all year round. I have heard many E openings indicated on the 10 M beacons, then called CQ on 28.060 until I was blue in the face with no response. This was when I heard beacons from major population centers too; Texas, southern California, St. Louis, Kansas City, Chicago, Florida, New York City/New Jersey (N2KRP), and Boston. Maybe with a small transceiver available QRPers will turn it on and monitor the band during sporadic E season and increase the activity level.

I applaud the use of a DDS. This is the ultimate solution to VFO problems. No drift, well defined frequencies, low spurs, wide coverage, and straight forward T/R switching. The audio frequency annunciator is the perfect solution to precise frequency readouts.

The use of a microprocessor makes incorporation of a keypad function nearly trivial.

We need to get used to building with surface mount technology. While through hole lead parts won't go away, there are a lot of parts that are only available in surface mount. The DDS is one such part. Analog Devices makes several parts only in surface mount; a high dynamic range

mixer, a receiver IC, and a transceiver IC. Maxim and Linear Technology make several switched capacitor active filters that are only available in surface mount components. Restriction of available parts to through hole only limits the parts available to builders. This will get worse. There is a tendency among designers to forego prototyping for computer analysis of the design and subsequent building of deliverable hardware. This goes against the availability of parts that are amenable to hand assembly.

This is a great idea. Doug and the masked designer are to be encouraged in this effort. Can I get a beta copy?? I can't wait until it comes out. I want one!! - Dr. Megacycle (surface mount and digital compatible)
KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Thu, 24 Feb 2000 22:28:26 -0500
From: joe lerch <joelerch@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64095] Re: Gas pipe.cold water pipe,hot water pipe etc
Message-ID: <00022422434700.00354@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Thu, 24 Feb 2000, you wrote:

> Did I miss the point of the original question? I thought he was asking about
> using a radiator pipe from his home heating system. I have been thinking
> about doing the same as I have baseboard radiators, and my radio is on the
> second floor. My radiators are all 3/4" copper and go to the boiler in the
> basement where there is a direct copper water supply from the cold water
> system. I don't see any difference between using the radiator pipes and
> running a heavy ground strap to the basement and attaching it to the cold
> water supply.
>
> By design, my boiler has a gas line also going to it.

Yes that is the correct scenario I originally asked about. To add even more to the description, I already have a ground jumper around the water meter, that was placed there prior to moving in. I could easily connect another jumper around the water meter going directly (about 15 feet) to the portion of copper pipe that leads to the radiator on the second floor, the total distance from the

wall where the water pipe comes into the basement to the copper pipe feeding the radiator up stairs would be around 30-35 feet, depending on what angle I would run the ground wire for the jumper. It would seem this would short out the entire boiler and connecting pipes. I would have only be using the copper pipe going through the wall from the basement to 2nd floor.

joe

Date: Thu, 24 Feb 2000 22:03:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [64096] FOX: N1TP
Message-ID: <Pine.LNX.3.95.1000224215736.2320A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well my first ESP contact of the season....I wasn't hearing Tom AT ALL right up to 0356Z....even the hunters were a "sometimes thing" tonight...but then at 0356Z, on 7.041.42 I heard Tom as a whisper signal here and so I called....he must have pre-amps embedded in his ears as we did the "fox thing"....I can't believe this one!...HAR!....another evening of heavy QRN on 40 to boot....."ya never know".....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 24 Feb 2000 23:17:52 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@Lehigh.EDU>
Subject: [64097] Grounds and pipes
Message-ID: <3.0.32.20000224231748.00725134@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've been using my hot water heater as an RF ground for years.
On a cold morning you can shower with the rig on QRO and get a warm tingling feeling.:-)

73 Pete NV4V

Date: Thu, 24 Feb 2000 22:15:58 -0600
From: "Don Wines" <dwines@tyler.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64098] Re: First QSO on K2 #789..plus a pelt!!
Message-ID: <002e01bf7f47\$0597c020\$aa9086d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a bit of BW to apologize for the extra BW of the dual post. It was
inadvertant 'cuz I know most of the Elecraft listers are also QRP listers.

Sorry. I would say it won't happen again....but it probably will!

72/73
Don, K5DW
QRP-L #2083
k5dw@arrl.net

Date: Fri, 25 Feb 2000 04:21:56 -0500
From: patrick m kvitkauskas <pmk@juno.com>
To: qrp-l@lehigh.EDU
Subject: [64099] OT; Hal effect transistor ???
Message-ID: <20000225.042157.9774.0.pmk@juno.com>

I am trying to do a little repair for my brother on a computer
for his motorcycle. The part I am having trouble with are the
pickup's for the wheel speedometer)and rotor on the motor.
The pickup's look like some kind of transistor and a few
caps (ID'd by my trusty LC IIB)of .001 or 1000pf. The transistor
has a number 41E616.

He said when they get tagged (they crash a bunch hi) they don't
work anymore. It uses a magnet to trigger them. I have one
with me now that looks to have no damage but was told it
does not work.

Any suggestions ??? It uses 12 volts to run it and sends out
a 5 volt signal or pulse (TLL sounds like) according to the

manual.

Any help would be appreciated.
72 de Patrick KD4OBQ

AR

send replies to
pmk@juno.com for faster service (checked twice daily)
pmk@bellsouth.net to send pictures
<http://www.qsl.net/kd4obq/> QRP site
<http://homestead.juno.com/pmk/FILES/INDEX.HTM> R/C soaring site

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Thu, 24 Feb 2000 23:20:22 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:dwines@tyler.net" <dwines@tyler.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [64100] Re: Thanks Tom es all.
Message-ID: <200002242324_MC2-9A80-7F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Don:

Nope--Dan is too exuberant. There are seven to go yet. Good luck and get
the rest of 'em :-).

```
>> 03/01      0100      NQ9RP      CHEESE      WI
      03/03      0000      KQ5U      TERRY      TX
      03/08      0200      N5IB      JIM        LA
      03/10      0000      N0UR      JIM        MN
      03/15      0200      WD4ET      JEFF      FL
      03/17      0200      KU7Y      MONTE     NV
      03/22      0200      AB7CE      ROY       MT<<
```

Managed to bag him at 0210 with a Sierra at 5 wats out to the IAC Double

Bazooka up 48'. Just installed this antenna yesterday, and man oh man, did it ever pay off. The huge loop and the GAP Titan DX were at least a full s-unit weaker.

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Thu, 24 Feb 2000 22:30:50 -0600

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: dandoooley@pipeline.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [64101] Re: Counterpoise

Message-ID: <008901bf7f49\$1a56cea0\$d028bcd0@aa5tb>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Dan,

When using a resonant dipole antenna that is properly decoupled from the feedline any kind of "counterpoise", radial, return wire, or ground attached to the rig will not help the performance of that dipole.

But...

If the feedline has RF currents external to the shield then a 1/4 wave wire may help to keep high RF voltage off of the rig if that were a problem. In this scenario the dipole, feedline, rig, and "counterpoise" become the antenna system.

In the hotel room example, you and the rig will be in the near field of the antenna and even with a good balun at the feedpoint stray RF on the rig may occur. At QRP levels this "usually" isn't much of a problem and wouldn't warrant the extra travel weight of an additional "counterpoise". As far as the "counterpoise" helping the radiated performance in such a scenario, one must remember that RF radiated from sources other than the main antenna isn't necessarily lost radiation. And if this stray radiation is absorbed by the nearby environment, the same fate would become of any enhancement provided by the 1/4 wave wire laying on the floor.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

Date: Thu, 24 Feb 2000 21:36:11 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [64102] Wrong list??
Message-ID: <3.0.5.32.20000224213611.009643f0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Is this a cell phone list?? Or maybe it's a radio astronomy list ... and I was under the impression that it was a QRP Radio list! Guess I'm wrong again...

Date: Thu, 24 Feb 2000 22:38:24 -0600
From: "Hal Schlotfeld" <kc0bdw@worldspy.net>
To: <qrp-l@Lehigh.EDU>
Subject: [64103] Batteries
Message-ID: <00df01bf7f4a\$2a2a83c0\$84996520@kc0bdw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks everyone for all info on my battery problem.. I do have one bit of good news.. Tonight I went and took my General written exam and passed but however I fell flat on my face with the 13 WPM code test. Unfortunately that was the last test untill after April 15th. So I'll get to be a General the new way...

Hal
KC0BDW

Date: Thu, 24 Feb 2000 23:48:38 EST
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [64104] [FOX] N1TP Fox outing
Message-ID: <9e.18ce07d.25e763a6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Well, I'm very proud of my teammate! The QRN and QRM was as bad as I've heard, and he was trying some new techniques. All that notwithstanding, I heard some awesome signals down this way tonite. Roy AB7CE right at the tail end of the hunt was a solid 579 through the noise. Both Rons, KI0II and KU7Y were 569 to me, as were Doc K0EVZ and Ade, W0RSP. John, K1JD seems to have a "pipeline" to my location here near Tampa, and I think we could probably set a microwatt record! I've worked him 589 in the daytime on 40, and he sounds no different to me than any KW in a contest, during the hunts. Bob AF5Z, Bill and Terry and the other pesky Texans were all easy copy as usual. Bruce up in VE land was maybe a 569, and 6 landers were 54 adn 559 late, even with the noise. Tom has a MUCH bigger antler than me, so I can't wait to see his log. Thanks, o' mighty leader of the Swamp Rats!

-MAC-

AF4PS

Odessa, FL

QRP-L #704, Whiners #5, SOC #28, Zombie #510, HI QRP #83, etc.

Date: Thu, 24 Feb 2000 21:52:02 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [64105] ANOTHER Kit??
Message-ID: <3.0.5.32.20000224215202.00921520@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Got my K2 -- don't need no more stinkin' kits! :-)

(For awhile, at least...)

Date: Thu, 24 Feb 2000 23:50:09 -0500
From: KD1YV <kd1yv@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [64106] OT: Ban use of Cellphones?
Message-ID: <38B60A01.13226F4B@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeah, I saw her too. It shook me up so much that I dropped my electric shaver into my coffee cup, and when I let go of the stock market pages, they flew out

the window :-)

--

72/73 de Jim, KD1YV

Some days you're the dog, some days you're the hydrant.

Francis Callahan wrote:

> If they think cell phones are bad while driving a while back I looked in my
> rear view mirror and could not believe what I was seeing had to look twice
> but some broad had a glass of water in one hand and brushing her teeth with
> the other must have been steering with her knee 72 Cal KF7ET misplaced
> Vermonter in Idaho

Date: Fri, 25 Feb 2000 00:06:26 -0500
From: Jim Stafford <w4qo@amsat.org>
To: qrp-l@Lehigh.EDU
Subject: [64107] RE: Speaking of websites-www.qrparci.org outage
Message-ID: <38B60DD2.2C0BE0EF@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, the QRP ARCI web site and the NJ QRP website are on the same server
- vramp. Unfortunately, they were hacked pretty badly it seems. No
data was lost and they are working hard to get things straightened out.
This is the first lengthy outage we have had in over two years there.
So hang in there/keep fingers crossed.

--

Jim Stafford/w4qo/president/webmaster/etc/etc QRP ARCI
The Thrill is Back - QRP Is! 770-993-9500
<http://www.america.net/~w4qo> w4qo@arrl.net

Date: Fri, 25 Feb 2000 13:29:18 +0800
From: "Sly, 9M8SL" <cqsly@tm.net.my>
To: ki6ds@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64108] Re: KIT: NorCal Surface Mount Transceiver in the Pipeline
Message-ID: <20000225052918.TZPF10683@user>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi Doug et. al.,

Greetings !!!

>Oh yes, the target price for the kit is \$50!! Full featured qrp
>transceiver, rit, xit, keyer, dds vfo, afa, commercial quality board. Will
>we be able to do it? Yes I think so. The dds vfo chip will be premounted,
>as it does not come in a package that is feasible for the average guy to
>mount. But the rest of the chips, caps, inductors, trimcaps, trimpots,
>resistors, transistors, diodes, all will be surface mount when possible.
Wow...Where, When & How can I get one this SUPER-featured qrp trx to my
backyard???

Can I pay now and to whom? Let me have the address to send the \$\$\$...

>Why are we doing this? Because guys, through hole parts are going away.
>For us to be on the cutting edge, to do new things, we will have to bite the
>bullet and use surface mount parts. Look at it as a new skill to learn, not
>as something that you "can't do".
Yes, yes, yes, I'm interested to learn something new,
specially qrp radios of the new millennium, Hi..

Vy 72/3 de Sly, 9M8SL
Borneo Island, East Malaysia.

Date: Thu, 24 Feb 2000 23:44:59 -0600
From: "Harley L. Miller" <hmliller@sound.net>
To: mtracy@arrl.org, qrp-1@lehigh.edu
Subject: [64109] SD-20 poles
Message-ID: <38B616DB.3C66A18C@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

An email to the South Bend company got the follow reply:

Subject: Re: SD-20
Date: Mon, 27 Sep 1999 12:44:34 EDT
From: SBENDIS1@aol.com
To: hmliller@sound.net

You can order direct from the following mail order company:

National Sports Supply

P.O. Box 14

Random Lake, WI 53075

920-994-9218

877-423-3474

Shanna

South Bend

Harley L. Miller hmliller@sound.net

Date: Thu, 24 Feb 2000 22:48:41 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64110] Re: Wrong list??
Message-ID: <03b301bf7f54\$062917c0\$0200000a@NET.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Larry,

> Is this a cell phone list?? Or maybe it's a radio astronomy list ... and I
> was under the impression that it was a QRP Radio list! Guess I'm wrong
> again...

Just a reminder to add your WHINERS number on posts like this...

;-)

And for my 2 cents, I thought the cell phone issue died several weeks ago!
Radio Astronomy, at least, has "Radio" in the topic. :-)

72

Ron Smith - KD7VD - Boise, Idaho
WHINERS #7 SOC #47

Date: Thu, 24 Feb 2000 23:34:44 -0500
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [64111] FS/Trade Converted Sharp CB
Message-ID: <023a01bf7f4c\$ad5c1b80\$4a4aadce@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's a 40 channel AM only unit which was converted to 10 meters by a professional engineer. Other than the conversion, it has no modifications, and maintains the 3.5 watt output and 40 channel spacing beginning at 28.965 as channel 1. It appears to be late 70's or early 80's vintage.

My first qso with it 3 years ago was KH6CC.

I'd like to move it because I have both a 11-2-10 and an HTX-10, and really don't need three 10 meter only boxes.

No scopes or Slow Scan TV gear accepted, otherwise, make trade or purchase offer.

Mike Duke, K5XU, president,
Mississippi Council of the Blind

Date: Thu, 24 Feb 2000 23:39:53 -0500
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [64112] OHR Classic Still FS
Message-ID: <023c01bf7f4c\$b0bbc140\$4a4aadce@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This radio is for 40 and 20 meters, with built-in keyer, but no digital dial.

If interested, contact Bob Howle, K5RJH, bhowle@bellsouth.net.

Asking \$150.

Mike Duke, K5XU, president,
Mississippi Council of the Blind

Date: Thu, 24 Feb 2000 22:30:52 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64113] Re: [FOX] N1TP Fox outing
Message-ID: <Pine.GS0.4.10.10002242222260.7997-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Got home early.....just about 20 minutes after all the power
went off in the valley!

Set all the skunk traps.....fed the cows.....hooked the
FT-100 back up in the RV.....

Then at 6pm (0200z) we went into town for dinner. Got back
at 0350z and the power was back on.

Hit the shack, in spite of the skunk smell!

Heard Ed, WE6W calling the fox.....listened.....very bad
QRN here.....about S8.

Then I heard Tom just ending a QSO and asking for callers.
Like a big LID I sent my call a few times right on his
freq! I never heard him so maybe I didn't QRM anyone's
QSO. If so, I'm sorry!

Moved the TX vfo up the band a bit.....sent the call and
Tom replied to someone.....too much noise....he turned it
back....then he sent KU7Y? and away I went with my exchange.

Heard him QSL so it looks like I sneaked in another pelt
just under the wire!

For those who missed the Fox tonight, I just happen to
have a few skunk pelts.....pick up only! (I have caught
7 in the last 6 days!)

I have learned that they don't like lead! :-)

Thanks for the pelt Tom. And it smells MUCH better than those other ones!

:-)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Thu, 24 Feb 2000 22:33:06 -0800
From: Jim/Julia <w7ls@blarg.net>
To: pmk@juno.com, qrp-1@lehigh.edu
Subject: [64114] Re: OT; Hal effect transistor ???
Message-ID: <38B62222.6EFC219F@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like it is a Hall effect sensor. There are standard TTL level Hall sensors on the market. I think Digikey and Mouser both sell them. Not very expensive, either. Jim W7LS

patrick m kvitkauskas wrote:

> I am trying to do a little repair for my brother on a computer
> for his motorcycle. The part I am having trouble with are the
> pickup's for the wheel speedometer)and rotor on the motor.
> The pickup's look like some kind of transistor and a few
> caps (ID'd by my trusty LC IIB)of .001 or 1000pf. The transistor
> has a number 41E616.
>
> He said when they get tagged (they crash a bunch hi) they don't
> work anymore. It uses a magnet to trigger them. I have one
> with me now that looks to have no damage but was told it
> does not work.
>
> Any suggestions ??? It uses 12 volts to run it and sends out
> a 5 volt signal or pulse (TLL sounds like) according to the
> manual.
>
> Any help would be appreciated.

> 72 de Patrick KD4OBQ
 >
 > AR
 >
 > send replies to
 > pmk@juno.com for faster service (checked twice daily)
 > pmk@bellsouth.net to send pictures
 > http://www.qsl.net/kd4obq/ QRP site
 > http://homestead.juno.com/pmk/FILES/INDEX.HTM R/C soaring site
 >
 > -----
 > YOU'RE PAYING TOO MUCH FOR THE INTERNET!
 > Juno now offers FREE Internet Access!
 > Try it today - there's no risk! For your FREE software, visit:
 > http://dl.www.juno.com/get/tagj.

 Date: Thu, 24 Feb 2000 22:35:31 -0800 (PST)
 From: Monte Stark <ku7y@dri.edu>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Subject: [64115] Fox Change:
 Message-ID: <Pine.GS0.4.10.10002242231290.8165-100000@rotor.dri.edu>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

>
 > 03/01 0100 NQ9RP CHEESE WI
 > 03/03 0000 KQ5U TERRY TX
 > 03/08 0200 N5IB JIM LA
 > 03/10 0000 N0UR JIM MN
 > 03/15 0200 WD4ET JEFF FL
 > 03/17 0200 KU7Y MONTE NV <<<NOTE<<<
 > 03/22 0200 AB7CE ROY MT
 >

Please note that the next to last Fox has been changed.

KU7Y and NA6E traded positions way back....longer than
 I can remember!

Anyway, Mary, NA6E in CA will be the fox on 03/17 at 0200z

Thanks,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Fri, 25 Feb 2000 03:02:45 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [64116] FOX: N1TP "Preliminary Log." 2-25-00 - Tom in SW FL.
Message-ID: <38B63725.7899C9BB@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What an experience! Thanks to all. I've been e-mailed a few notes to say "QRM was bad." I didn't notice that but once because I was concentrating on Hounds calling. The large number of "cricket-like" signals overlapping one another is somewhat overwhelming. By far the primary reason FOXII are not able to work more Hounds is because Hounds are tumbling over each other. But for that fact, FOXII could hear and, therefore, work many more Hounds. As usual, the far west came up, as if by magic, late in the Hunt. I'm sorry I did not hear N10DL. I wanted to give Aron his first pelt. I heard a "??9el" many, many times, but just could not pick out his call sign. I'm sorry about that because it was "Oh, so close." I know many other Hounds were calling, but I just could not pick them out of the din. The pile-up never did "thin out." Well, so much for these ramblings. Here is the "Preminiary Log." Thanks, again.

All QSO's were on 7.041.20. from 0200 to 0400, Friday, 2-25-00.

TIME	Call	URst	FoxRst	QTH	Name	QRP-L #
0200	N4ROA	579	579	VA	Dan	970
0201	AF4PS	569	559	FL	Mac	704
0202	K1VP	559	559	NH	Ed	1960
0203	AJ4Y	579	579	FL	Paul	1795
0205	N0DT	559	579	MO	Dan	1004
0207	K1JD	599	579	RI	John	1945
0208	K5ZTY	579	599	TX	Bill	473
0208	K5LU	559	559	OK	Bill	2009
0208	K5LN	559	559	TX	Bill	1794
0209	K0EVZ	559	559	ND	Doc	861
0210	N0EA	559	559	MO	Wayne	1058
0210	W0JOE	559	559	CO	Joe	1901
0211	KK5LD	559	559	TX	Dan	2052

0212	AF5Z	559	589	TX	Bob	984	
0213	N0EHW	599	569	MO	Tim	2047	
0214	N5TW	599	559	TX	Tom	1474	
0215	N8IE	559	559	OH	Dan	1404	
0216	W2XN	559	559	FL	Fred	1728	
0217	N5EN	559	559	TX	Steve	2071	
0218	WS4S	559	559	TN	Conrad	993	
0220	K5AAR	599	559	OK	Don	1512	
0223	K5DW	579	559	TX	Don	2083	
0225	AE4Y	559	559	GA	Kent	1844	
0226	WB8YYY	559	559	MD	Curtis	2115	
0228	W5TB	559	559	TX	Doc	673	
0229	KU4AF	579	579	NC	John	987	
0230	W5YR	549	559	TX	George	1373	
0231	KQ4QO	599	559	FL	Mike	1244	
0232	KB9TUA	559	559	IL	Kevin	384	
0233	AE4Y	579	579	GA	Kent	1844	
0235	N1LN	559	559	TX	Bruce	2049	
0244	KQ5U	599	559	TX	Terry	1603	Loud
0247	W0CH	549	559	MO	Dave	618	
0248	W0AR	559	569	MN	Scott	1455	
0249	K5LN	599	559	TX	Bill	1794	
0250	W0RSP	559	559	SD	Ade	661	
0251	NV4V	559	559	KY	Pete	1721	
0252	N5IW	579	569	TX	Dave	1718	
0254	N9AW	599	559	WI	Jerry	1271	
0256	K5JHP	579	559	TX	Bill	825	
0257	W2APF	599	559	MA	Thaine	2062	
0259	N2SMH	599	599	NJ	David	74	
0300	WB8KQY	559	559	OH	Gary	446	
0303	W5SB	599	559	TX	Bill	1279	
0304	AF4PP	599	589	GA	Chuck	1785	
0305	KC1FB	529	559	CT	Jim	29	
0307	KF2PH	579	579	NY	Nick	13	
0309	AE2T	559	559	NY	Al	1664	
0312	VE1MT	559	579	NS	Layton	1448	
0313	K8CV	559	559	MI	Walt	1935	
0315	N5TW	559	559	TX	Tom	1474	
0316	K5UP	539	559	OK	Glen	21	
0320	N3YSI	599	579	PA	Paul	1035	Loudest
0323	N9AW	539	559	WI	Jerry	1271	
0327	N0EHW	559	559	MO	Tim	2047	
0328	K4LL	589	599	KY	Len		5W
0329	N0TU	559	559	CO	Steve	911	
0331	N5GJQ	569	559	LA	Mike		5W
0332	KD5CMN	579	559	TX	Mike	1328	
0333	NQ7X	579	559	AZ	Floyd	343	
0334	NK7M	539	339	AZ	Bob	271	

0334	KI0II	559	559	CO	Ron	928
0336	N5UW	559	559	OK	Clif	478
0338	N7GS	579	599	MT	Mal	815
0339	K1MG	569	349	CA	Mike	614
0342	K5OI	579	559	NM	Tim	73
0343	N5EN	559	559	TX	Steve	2071
0344	KI0G	579	559	CO	Bob	239
0346	AA0ZZ	559	559	MN	Craig	1238
0347	KF7ET	559	559	OH	Cal	1862
0348	N5IB	559	559	LA	Jim	1913
0351	WE6W	559	559	CA	Ed	1068
0354	KU7Y	559	559	NV	Ron	17
0356	VE5RC	599	229	SK	Bruce	886
0359	AB7CE	569	559	MT	Roy	1494

72/73 Tom, N1TP. Naples, Florida QRP-L 1317

Date: Fri, 25 Feb 2000 03:18:27 -0500 (EST)
 From: Bob Patten <n4bp@bc.seflin.org>
 To: QRP-L Reflector <qrp-l@lehigh.edu>
 Subject: [64117] First Annual Second Class Operator's Club Marathon Sprint
 Message-ID: <Pine.3.89.10002250327.E24778-0100000@bc.seflin.org>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

SOC was created for those of us not quite good enough to have been invited to join the First Class Operator's Club. We presently have over 270 members, our own website, and reflector! If you haven't yet checked out the website: <http://soc-hams.homepage.com>
 There, you will also find info to subscribe to the reflector if you so desire. In addition to Diz's (WB8QYY) fine effort in putting the website together, Erv (W8ERV) has done a bang up job of creating and offering membership certificates, and Tim (K5OI) has taken a terrific load off of me by handing out membership numbers.

Below are the rules for the first SOC Marathon Sprint. It closely follows the format for the ARCI QSO Parties and Mich Sprints. Although I've seen several suggestions for variations in these rules, I prefer to keep it reasonably simple. I did throw in a couple of twists to hopefully make it more interesting. Here's da rules...

SECOND CLASS OPERATOR'S CLUB MARATHON SPRINT

SOC Marathon Sprint ??????

Most sprints run four hours, but since we're Second Class Op's, we need more time!

Date/Time: Mar. 11, 2000, 1800Z through 2400Z

Exchange: Member - RST, State/Province/Country, SOC Number
Non-Member - RST, State/Province/Country, Power Out

QSO Points: Member = 5 Points; Non-Member, Different Continent = 4 Points
Non-Member, Same Continent = 2 Points

Multiplier: SPC (State/Province/Country) total for all bands.
The same station may be worked on more than one band for QSO points and SPC credit.

Power Multiplier: 0 - 250 MW = X 15;
250 MW - 1 Watt = X 10;
1 W - 5 W = X 7;
Over 5 W = X 1.

Suggested Frequencies:

	GENERAL	NOVICE
160 Meters 1810 KHz		
80 Meters	3560 KHz	3710 KHz
40 Meters	7040 KHz	7110 KHz
20 Meter	14060 KHz	
15 Meters	21060 KHz	21110 KHz
10 Meters	28060 KHz	28110 KHz
6 Meters	50128 KHz	

Score:

Points (total for all bands) X SPCs (total for all bands) X Power Multiplier.

Apply an additional multiplier of 1.5 if using a homebrew paddle (kits such as the NorCal / K8DD paddle qualify).

AND... Take an additional X10 mult if sending with your left foot while wearing SOC's. (Of course no one will copy, so your score will be zero!)

All entries are Multi-Band to promote maximum participation.
Certificates to the top 10 scorers, and to the top scorer in each SPC.
The certificate manager reserves the right to recognize special significant entries with a certificate award.

Entry includes a copy of the log and a separate summary sheet.
Include duplicate check sheets with entries of 100 QSOs or more. Indicate total time-on-the-air, and include a legible name, call, SOC Number

(if any) and address. All entries must be received within 30 days of the contest date. Late entries will be counted as check logs. Members and non-members indicate their output power for each band. The highest power used will determine the power multiplier. Output power is considered as 1/2 of input power. Include a description of homebrew equipment (including paddle or key), commercial equipment, and antennas used with each entry.

Include an SASE with your entry for a copy of the results. Results will be posted on QRP-L and on the SOC Website. The final decision on all matters concerning the contests rests with the contest manager. Entries are welcome via E-Mail to n4bp@bc.seflin.org, or by snail mail to:

Bob Patten, N4BP
2841 N.W. 112 Terrace
Plantation, FL 33323

Check out the Second Class Operator's Club Website!

<http://soc-hams.homepage.com>

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://www.qsl.net/n4bp>
Brass Pounder BBS: (954) 472-7715
SOC #1Whiners #6

Date: Fri, 25 Feb 2000 20:28:23 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64118] Re: Grounds and pipes
Message-ID: <38B64B37.C9CA665C@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pete Burbank wrote:

> I've been using my hot water heater as an RF ground for
> years.

> On a cold morning you can shower with the rig on QRO and get
> a warm tingling feeling.:-)

In the 1920's my old man (a Royal Australian Navy Telegraphist) used to go to the WC (john) at Victoria Barracks, Melbourne and could copy outgoing messages from the Navy's high power spark gap transmitter from the seat of the pan.

He always swore that was a true story and I've had a lifetime of dubious tall stories which were ALL subsequently proven true (sometimes 50 years later) so I no longer doubt anything he told me. (Squadron Leader Dick Purdie M.B.E. VK2RP/VK2ARP - S.K.) yep he joined that new fangled service, the Australian Air Force in 1930, he was told at the time in all seriousness "It'll never get off the ground son, <g> never amount to anything, no future there"

--

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14' S 151o:34' E
My FREE Newsletter:- <mailto:vk2tip@qsl.net?Subject=Subscribe>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 "duh?"
URL - <http://www.integritynet.com.au/~purdic/>

Date: Fri, 25 Feb 2000 06:09:01 -0500
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [64119] GROUNDSD: gas pipes, hot water pipes
Message-ID: <002701bf7f80\$ba3f1120\$12960318@vtron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just came in on this thread and I haven't read all the replies but one very important point seems to be missed here - the National Electric Code (NEC). Believe it or not all amateur and short wave listening stations are required to be grounded per the NEC. Regarding the use of plumbing for an ELECTRICAL ground/bond the NEC says you may use COLD water metal piping only if the point of attachment is made within the first five (5) feet of where the metal pipe enters the building and the water meter has been jumped out. (There should be a wire jumper installed around the meter to ensure electrical continuity in the event the meter is removed for service). The NEC specifically says underground metal gas piping must not be used. Oddly

the code was changed a few years ago where in new construction the cold water, hot water, and gas systems must be bonded together inside the building. Still the cold water only for grounding attachments spec remains in the code.

As a Quality Control supervisor for the Technical Operations department of a major (265,000) subscriber CATV system in NJ I've been thru several state grounded inspections. These guys don't want to see anything attached to hot water or gas pipes, period.

RF is electricity. Why take the risk?

Brian KF2HC
kf2hc@arrl.net

Date: Fri, 25 Feb 2000 06:30:17 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64120] Re: First Annual Second Class Operator's Club Marathon Sprint
Message-ID: <Pine.OSF.4.21.0002250630020.28659-1000000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looks like I need a number, Bob!

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 25 Feb 2000 06:42:10 -0500
From: Fred Bennett N9TA <N9TA@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [64121] Total failure!!
Message-ID: <38B66A92.93A2754B@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang

After hearing about all the fun you folks have taking your rigs along on trips, I decided to give it a try. Just went on a trip to KY for training on repairing Mazak machine tool equipment.....and I took my K2 with me. I'm sorry to report a TOTAL failure to achieve contact. I tried to operate from my motel room...2nd floor room in a Holiday Inn. I used a small MFJ tuner with two 20 foot lengths of wire draped around the room. I had NO problem tuning up on several different bands (40M, 30M, 20M, 17M, 15M), but although I could hear other folks just fine....they could NOT hear me.

Any comments, reccomendations, corrections would be welcome.
73....de.....Fred N9TA
<http://home.att.net/~n9ta>

Date: Fri, 25 Feb 2000 04:55:03 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <jmlowman@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64122] Re: OT: Ban use of Cellphones?
Message-ID: <000f01bf7f87\$2889df60\$17de070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I saw a sign in a resturant a while ago that baned cell phones and if they did go off a ssurcharge of \$25.00 would be added to the bill never heard a single phone ring while there eating 72 Cal KF7ET misplaced Vermonter in Idaho

----- Original Message -----

From: "Jim Lowman" <jmlowman@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 24, 2000 6:44 PM
Subject: Re: OT: Ban use of Cellphones?

> Wb8siw@aol.com wrote:
> >
> > With respect to the ban on cellphones.....

>
> > These legislators should work on revoking the drivers licenses and
> > restricting the movement of dangerous, drunk, or poor drivers. I guess
they
> > view these cell phones bans in much the same way they view gun laws...a
> > simple solution for a complex social problem (which, in the end, won't
work
> > anyway).
>
> Agreed. However, I wonder how much of the proposed sentiment is
> really directed at safety issues, as opposed to disgust with cellphone
> use?
>
> Usually I'm a "technology for the sake of technology" sort of person
> but,
> seeing the daily abuse of these cellphones makes me wish that this
> technology had never made into the hands of the average citizen.
>
> But it isn't the technology that is at fault; it's the usual lack of
> common sense and courtesy on the part of the user.
>
> Would you believe that the number one complaint in restaurants is
> people using cellphones at their tables?
>
> Even being a ham for many years, I fail to see the need for that much
> communication. We even have college students out here with the *%#\$#
> things on campus.
>
> 72 de Jim - AD6CW
>

Date: Fri, 25 Feb 2000 06:56:21 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [64123] Hiking Safety
Message-ID: <00dd01bf7f87\$55e44900\$07e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is for everyone that is going to be doing some hiking
this year.

http://content.health.msn.com/content/dmk/dmk_article_1457953

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>
175 + Work Units Completed

Date: Fri, 25 Feb 2000 07:14:39 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64124] Re: GROUNDS: gas pipes, hot water pipes
Message-ID: <38B62BDF.55664841@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It would help if the NEC people would talk to some plumbers.
Around here it is SOP to fix leaks in the water line by cutting the line
and installing a plastic union or coupling. So much for continuity.

Water pipes are better than nothing but CANNOT be trusted to be a good
ground.

By the way, has anyone seen a house that actually meets all of the
codes?

If at all possible, use a good, dedicated ground system. Otherwise, do
the

best you can.

In my experience, State, County and local inspectors require you to do things

wrong or at least less than the best way as often as they require it right.

But you have to get the signature of the inspector, so what do you do?

michael N6CHV

Brian J Keegan wrote:

>

> I just came in on this thread and I haven't read all the replies but one
> very important point seems to be missed here - the National Electric Code
> (NEC). Believe it or not all amateur and short wave listening stations are
> required to be grounded per the NEC. Regarding the use of plumbing for an
> ELECTRICAL ground/bond the NEC says you may use COLD water metal piping only
> if the point of attachment is made within the first five (5) feet of where
> the metal pipe enters the building and the water meter has been jumped out.
> (There should be a wire jumper installed around the meter to ensure
> electrical continuity in the event the meter is removed for service). The
> NEC specifically says underground metal gas piping must not be used. Oddly
> the code was changed a few years ago where in new construction the cold
> water, hot water, and gas systems must be bonded together inside the
> building. Still the cold water only for grounding attachments spec remains
> in the code.

>

> As a Quality Control supervisor for the Technical Operations department of a
> major (265,000) subscriber CATV system in NJ I've been thru several state
> grounded inspections. These guys don't want to see anything attached to hot
> water or gas pipes, period.

>

> RF is electricity. Why take the risk?

>

> Brian KF2HC

> kf2hc@arrl.net

Date: Fri, 25 Feb 2000 07:39:41 -0500

From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [64125] Re: SD-20 poles

Message-ID: <024101bf7f8d\$63af1c80\$0100a8c0@dadsmachine>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

That' the nme of the place. I ordered mine from him last fall. cleaned him out at the time (it weas end of season for them.) He was very good and got them right away for me.

Michael

----- Original Message -----

From: Harley L. Miller <hmliller@sound.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, February 25, 2000 12:44 AM
Subject: SD-20 poles

>
> An email to the South Bend company got the follow reply:
>
> Subject: Re: SD-20
> Date: Mon, 27 Sep 1999 12:44:34 EDT
> From: SBENDIS1@aol.com
> To: hmliller@sound.net
>
>
>
>
> You can order direct from the following mail order company:
> National Sports Supply
> P.O. Box 14
> Random Lake, WI 53075
> 920-994-9218
> 877-423-3474
>
> Shanna
> South Bend
>
> -----
>
> Harley L. Miller hmliller@sound.net

Date: Fri, 25 Feb 2000 14:01:21 +0100
From: =?iso-8859-1?Q?St=E9phane_Collas?= <scollas@club-confair.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64126] QRP in USA and Elecraft K2 transceiver...
Message-ID: <007f01bf7f90\$6a86caa0\$620a1fc0@magic.fr>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

It seems that QRP is a growing activity accross the pond.

The Elecraft K2 seems to be a great transceiver.

I have all the informations on the K2, and I am going to purchase one.

I will be interested to know the opinion by the owners of this rig,
especially about dynamic, selectivity, sensitivity, stability you have noted
down.

73's de Stephane, F5NZY.
<http://www.qsl.net/f5nzy>

Date: Fri, 25 Feb 2000 07:59:11 -0500
From: "Tom Hybiske" <hybiske@generalatronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64127] looking for QSL Maker URL
Message-ID: <068901bf7f90\$1c51bc00\$7368f326@GACNT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anybody have the new web address for John WB8RCR's QSL Maker software?
All of the search engines point to the old site which is shut down.

tnx es 7 3,

Tom K3GM
SOC #166

Date: Fri, 25 Feb 2000 06:02:59 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: Shepherd@aol.com
Cc: qrp-1@lehigh.edu

Subject: [64128] Re: FOX: Thanks Tom es all.
Message-ID: <200002251301.GAA21690@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:15 PM 2/24/2000 -0500, you wrote:
>Thanks for the last pelt of the season Tom.
>Setup here is a Knwd 440 @ 5 watts to a G5RV.
>
>Also, thanks to all the Foxii for a great season.
>
>Sniff, sniff, we need a summer Fox hunt. :-)
>

Last pelt? I think there are still 7 foxii to go.

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Fri, 25 Feb 2000 08:08:44 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <hybiske@generalatronics.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64129] Re: looking for QSL Maker URL
Message-ID: <009901bf7f91\$72daf180\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://hfradio.org/wb8rcr/>

-----Original Message-----
From: Tom Hybiske <hybiske@generalatronics.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, February 25, 2000 8:06 AM
Subject: looking for QSL Maker URL

>Does anybody have the new web address for John WB8RCR's QSL Maker software?
>All of the search engines point to the old site which is shut down.
>
>tnx es 7 3,
>
>Tom K3GM
>SOC #166
>

Date: Fri, 25 Feb 2000 06:08:24 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: rattray@gpfn.sk.ca
Cc: qrp-l@lehigh.edu
Subject: [64130] Re: FOX: N1TP
Message-ID: <200002251307.GAA22384@enterprise.extremezone.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:03 PM 2/24/2000 -0600, you wrote:

>
> Well my first ESP contact of the season....I wasn't hearing Tom AT ALL
> right up to 0356Z....even the hunters were a "sometimes thing"
> tonight...but then at 0356Z, on 7.041.42 I heard Tom as a whisper signal
> here and so I called....he must have pre-amps embedded in his ears as we
> did the "fox thing"....I can't believe this one!...HAR!....another evening
> of heavy QRN on 40 to boot....."ya never know".....

Yup, lots of noise last night. I finally managed to hear him well enough to hear him ack my call at about 0330, but didn't hear his final 'TU', so don't know if I got in the log or not. Very, very noisy.

Bob Hightower NK7M
Chandler, AZ
SOC #20

<http://www.extremezone.com/~nk7m>

Date: Fri, 25 Feb 2000 08:14:46 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [64131] [RE]Fox Change
Message-ID: <200002250818_MC2-9A83-EAE3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

Thanks for Ron KU7Y, who noticed an error in the partial FOX sked I posted last evening. I failed to note that Mary NA6E will *actually* be the FOX during the next to last outing. Please make the change in your sked--you will surely want to be in the hunt that evening :-).

On 2/25/2000 at 12:37a Ron KU7Y wrote:

>>>

>	03/01	0100	NQ9RP	CHEESE	WI
>	03/03	0000	KQ5U	TERRY	TX
>	03/08	0200	N5IB	JIM	LA
>	03/10	0000	N0UR	JIM	MN
>	03/15	0200	WD4ET	JEFF	FL
>	03/17	0200	KU7Y	MONTE	NV <<<NOTE<<<
>	03/22	0200	AB7CE	ROY	MT
>					

Please note that the next to last Fox has been changed.

KU7Y and NA6E traded positions way back....longer than I can remember!

Anyway, Mary, NA6E in CA will be the fox on 03/17 at 0200z

Thanks,

73, Ron...KU7Y....<<<

Thanks again, Ron, for catching this error. GL everyone.

72,

--Doc Lindsey/K0EVZ

DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Fri, 25 Feb 2000 08:16:57 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-L@lehigh.edu
Subject: [64132] Cheezy Fox ALert
Message-ID: <0FA27BE9FF.4B3B1EEA-0N86256890.004D7260@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Coming March 1st, 01:00 - 3:00 UTC 7.040 ish
(Thats Tuesday Feb 29th, starting 8:00 PM EST, 7:00 PM CST 6:00 PM MST 5:00 PM PST)

The QRP Cheeseheads ARC will be operatiing NQ9RP. (Not mention eating and drinking and rabble rousing).
Join the fun.

Brian AE9K / NQ9RP

Date: Fri, 25 Feb 2000 06:22:29 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64133] Re: OT: Ban use of Cellphones?
Message-ID: <Pine.GS0.4.10.10002250619360.9580-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I saw a sign in a resturant a while ago that baned cell phones and if they
> did go off a ssurcharge of \$25.00 would be added to the bill never heard a
> single phone ring while there eating.

Interesting!

On the other hand, why should anyone care what someone is
doing at the next table?

No matter if they are chatting with others at the table or

with someone on the phone, it's their busniess!

Don't think I'd go to that place to eat!

: -)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Fri, 25 Feb 2000 09:35:14 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [64134] FOX: W8RO a "Slim"
Message-ID: <Pine.OSF.4.21.0002250931520.10164-1000000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I spoke with Flyod, W8RO this morning on 2M FM. He was out of town and did not operate his designated night. Anyone that "worked" W8RO was talking to a bootlegger.

Who said all the no-class ops were on SSB? That was pretty low, whoever did it.

On a more cheerfull note, Tom did a nice job as Fox the other night.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 25 Feb 2000 08:46:29 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <KB0R@aol.com>, <qrp-l@lehigh.edu>
Subject: [64135] RE: Gas pipe,cold water pipe,hot water pipe etc

Message-ID: <000701bf7f9f\$1ae0c910\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't remember if it started out as a water heater or as a radiator connection but either is a very bad idea. Like I told Ranger Bob in one of my messages to the group. I would not want 100 million volts at 100 thousand amps getting anywhere near my gas or electrical connections. The idea of a good ground is to keep as much of the energy OUT of your house, not directing it through your house. Trying to get lightning through you house in a "controlled manner" is kind of like trying to get a wild elephant through your house in a "controlled manner," it isn't going to happen. Connecting an RF or any other antenna ground to a hot water pipe or a steam pipe that goes directly to the heater is a very bad idea. If lightning hits your antenna, or even close to it, that energy will go right through that heater system and could at the very least destroy your heater and at worse blow your house up. Like I have said before I live on a hill and live (literally) for lightning protection.

73/
Kevin

> -----Original Message-----
> From: KB0R@aol.com [mailto:KB0R@aol.com]
> Sent: Thursday, February 24, 2000 8:27 PM
> To: wb5rue@stic.net; qrp-1@lehigh.edu
> Subject: Re: Gas pipe,cold water pipe,hot water pipe etc
>
>
> Did I miss the point of the original question? I thought he
> was asking about
> using a radiator pipe from his home heating system. I have
> been thinking
> about doing the same as I have baseboard radiators, and my
> radio is on the
> second floor. My radiators are all 3/4" copper and go to the
> boiler in the
> basement where there is a direct copper water supply from the
> cold water
> system. I don't see any difference between using the
> radiator pipes and
> running a heavy ground strap to the basement and attaching it
> to the cold
> water supply.
>
> By design, my boiler has a gas line also going to it.

>

Date: Fri, 25 Feb 2000 10:03:32 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [64136] B. G. Micro Comment
Message-ID: <001e01bf7fa1\$7ce04d00\$e6a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Several guys mentioned buying B. G. Micro's 4.5 AH battery in the neat little carrying pouch so I bought one. It's a great deal for \$7. I thought I'd also share a couple other good deals they have....and a bad one. They have house marked PN2222's with trimmed formed leads for \$.01 each and RCA 4013 power transistors for \$.99 each - both great deals. He has the 4013's listed as 2N3553* but they're a hotter transistor than a 3553. He said he has them listed as 2N3553* because he doesn't think people would recognize them.

The bad deal is a 20 watt non-inductive power resistor they sell as a QRP dummy load. It's a wire wound resistor that (I think) is wound in a manner that makes it non-inductive at a specific frequency (2 Mhz?). After finding them useless I complained, and he immediately made it right.

- Just some comments in case you're preparing to place an order.

Denny Payton, N9JXY
Auburn, IN

Date: Fri, 25 Feb 2000 10:12:36 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <dpayton@fwi.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [64137] Re: B. G. Micro Comment
Message-ID: <00d001bf7fa2\$c1928de0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree with Denny - BG has some great deals but you do still need to engage

brain about what you are buying. I built my 2N2/40 with those penny apiece 2N2222's and it works great. I also found it handy to beef up my supply of zeners at their prices.

They have several plastic cases that are pretty nice for the price, as well. One of them was again perfect for the 2N2/40 (see <http://www.qsl.net/wb8rcr/2N2-40.htm>). Seems like I ordered a few capacitors, tho, that were way larger (physically) than I expected.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Dennis Payton <dpayton@fwi.com>
Subject: B. G. Micro Comment

>Several guys mentioned buying B. G. Micro's 4.5 AH battery in the neat

<clip>

Date: Fri, 25 Feb 2000 10:17:56 -0500
From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: n1tp@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: elloyd@lans.net
Subject: [64138] Re: FOX: N1TP "Preliminary Log." 2-25-00 - Tom in SW FL.
Message-ID: <4.2.2.20000225101753.00cacac0@mail.iserv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Poor, poor Michigan. We were almost shut out on this one.

I tried for two hours to battle the QRN. Man! The weakest signal I was hearing was the fox! 45 minutes at .5 watt, then to 3, then to 5. ARG!

I'd bet money that ??9e1 was my good friend and elmer, W8EL, Ernie. Ernie's my current opponent on a local qrp challenge here in Holland michigan (<http://www.qsl.net/n9ssa/mpw.html>)

Throughout the hut, Ernie and I were working the hunt, and sharing comments on 2 meters. It was GREAT!

TU Tom!

At 03:02 AM 2/25/00 , tom palmer wrote:

>What an experience! Thanks to all. I've been e-mailed a few
>notes to say "QRM was bad." I didn't notice that but once because
>I was concentrating on Hounds calling. The large number of
>"cricket-like" signals overlapping one another is somewhat overwhelming.
>By far the primary reason FOXII are not able to work more Hounds is
>because Hounds are tumbling over each other. But for that fact, FOXII
>could hear and, therefore, work many more Hounds. As usual, the far
>west came up, as if by magic, late in the Hunt. I'm sorry I did not hear
>N10DL. I wanted to give Aron his first pelt. I heard a "??9el" many,
>many times, but just could not pick out his call sign. I'm sorry about
>that because it was "Oh, so close." I know many other Hounds were
>calling, but I just could not pick them out of the din. The pile-up
>never did "thin out." Well, so much for these ramblings. Here is the
>"Preminary Log." Thanks, again.
<snip>

N9SSA - Pete Hoffswell
Holland, MI - EN62wt - 42.79N 86.15W
n9ssa@arrl.net <http://www.qsl.net/n9ssa>
QRP-L #2109

Date: Fri, 25 Feb 2000 10:19:38 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [64139] Re: End fed wire and RFI
Message-ID: <20000225.102146.-78593.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I (N3AAZ) said *in part*

>> Hint 1) Give the unwanted stuff a place to go . . .
>>
>> Use a half wave ground wire.
>> The half wave ground wire has a low impedance.
>> Why? A half wave "line" repeats at it's INPUT what it sees at it's
>> OUTPUT.
>> Thickness (wire size) counts too, at HF the fatter the better'er,
>> thick fat braid is much better.

>>

The statement to me and the list . . .

>>Hi John and All

>>I have to take exception with the above statement John,

>>An end fed 1/2w Ground wire will exhibit a very high impedance ant the rig end

>>and would effectively look to the rig as no Rf ground at all quater wave is

>>much better ..

I have no problem with that reply,

BUT,

for the purpose and sake of the rest of the list,

lets look at HOW some lines can be high Z and

some lines low Z.

True,

the quarter-wave stub is a "short circuit " at one end, but only if the other end is open ended (un-terminated).

The quarter-wave stub makes an excellent notch filter and / or comb filter, but it must be in shunt (" T " ed) to the transmission line AND the other end of the quarter wave must be un-terminated (open ended).

Not sure where the unwanted stuff is dissipated, > ? < probably <?< in the quarter wave element, but I will try and find out.

Anyway . . .

What I said was. . . "Give the unwanted stuff a place to go".

>> Hint 1) Give the unwanted stuff a place to go . . .

> >

>> Use a half wave ground wire.

>> The half wave ground wire has a low impedance.

>> Why? A half wave "line" repeats at it's INPUT what it sees at it's

>> OUTPUT.

>> Thickness (wire size) counts too, at HF the fatter the better'er,

>> thick fat braid is much better.

The half wave line repeats on one end what it sees on the other end, both ends are terminated, one end at the radio chassis the other end at earth.

Why not give the unwanted stuff a place to go?

1) It is a "narrow band" solution (or comb at all half wave "solutions").

2) Cost of thick, fat braid.

3) ?

John
N3AAZ
FM19xa

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 25 Feb 2000 08:41:07 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [64140] FS: Printer - Cheap!
Message-ID: <3.0.5.32.20000225084107.00926100@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's your last chance to get a cheap printer before it goes to Ebay...

It's a Tandy (Radio Shack) DMP 205, which is essentially a an Epson LQ-870 with color capability. Drivers for Windows 3.x are supplied on a floppy disk. For Windows95/98/NT, I have used the Epson drivers supplied with the OS (Epson-870 for B&W, Epson-2500 for color; this is covered in the manual). A nice little printer capable of very high quality print and reasonable graphics.

Printer with manual, utilities disk and B&W ribbon; requires standard parallel (IEEE) printer cable (not included).

\$20 plus shipping.

Please respond to:
Larry East <w1hue@arrl.net>

Date: Fri, 25 Feb 2000 09:50:07 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Macstein@aol.com
Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [64141] Re: FOX: N1TP
Message-ID: <Pine.LNX.3.95.1000225094023.11668A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Mac!....thanks for the signal report your way...I really thought it was going to be another peltless hunt for me...HI HI....but then I finally heard him...having participated in the hunts for a few years now, I have observed that most of the time it is one-way skip from this qth... meaning the fox hears me much better than I hear the fox.....99% of the time the fox never moves my S meter....my signal report of 229 to the fox last night was being generous...even a 119 wouldn't have been correct as the S meter wasn't indicating "1"....so I make a judgement on how I'm hearing the fox....I believe when Chuck began the hunts, part of the reasoning was to observe propagation effects....well this is what I have observed from this qth.....it ties in with a study that the Canadian Research Council did many years ago regarding east/west propagation in Canada.....one of the things they observed was one-way skip conditions....and so it goes...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Thu, 24 Feb 2000 Macstein@aol.com wrote:

> I heard you solid 559. Honest. And, Tom has a MUCH better antler than me,
> so "you done good" down this way. Sounds like it was better one way than the
> other, 'cause I have an attic dipole! The digital stuff just below and on
> him was pretty bad tonite, but I was hearing 6 and 7 land calls as well as VE
> yelps through the noise. Lots were calls close to his transmit sig, and he
> was listening up until the end. It will be interesting to see his log!
> Congrats big time Bruce!
>
> -MAC-
> AF4PS
> Odessa, FL
>

Date: Fri, 25 Feb 2000 15:49:59 GMT
From: "Mark Adams" <k2qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [64142] ANT: HB Version of Super Loop 40 ??
Message-ID: <20000225154959.49962.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

I will be replacing my 50' ladder fed doublet with a HB version of the RadioWorks Super Loop 40. Only difference is that I will be using 300 ohm window line for the feed.

They list the dimensions as being a 56' top leg with a vertical height of 16'. That means that the other legs would be about 32' each for an overall physical length of 120'.

Now, on 40M, the 20M 1/4 wave stub is inductive and presumable adds some electrical length to the antenna, so it is electrically near the 140' mark. The stub will physically contain about 30' of wire (~15' piece of 300 ohm window line). But will it act like 30' of wire, or an inductor adding x pF at that point?

On 20M, the stub creates an open at the middle of the top leg. This creates a quasi bi-square configuration on 20M, except that it is way short I think. The two sides are 60'. Shouldn't they be more like 72'?

Do any of you use this antenna? Does it play well even using the coax feed?

Thanks, Mark

Mark S. Adams, K2QO (ex-N2VPK)
The Buffalo QRP Connection

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 25 Feb 2000 09:53:43 -0600
From: "William H. Launer" <launerb@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [64143] Re: GROUND: gas pipes, hot water pipes
Message-ID: <103130301b4dc543b1bdf@[204.184.55.26]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The water pipe coming in to my basement (installed by the city) from the water meter (at the street) is plastic. You certainly can't count on any water pipe being a good ground!

Although it can't be counted on as an rf ground, if your power connection to the mains is via a three wire plug, won't the third wire provide adequate safety? I realize that it isn't adequate for a lightning hit, but then what is (other than complete disconnection and removal of the feedlines into the house)?

Bill wb0cld

Bill Launer wb0cld
St. Charles, MO

Date: Fri, 25 Feb 2000 11:04:28 EST
From: Wb8siw@aol.com
To: N9TA@worldnet.att.net, qrp-1@lehigh.edu
Subject: [64144] Re: Total failure!!
Message-ID: <2f.1edca8b.25e8020c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Fred:

Ref: operating from hotels

I recently spent ten days in GA and FL. I had only a few evenings available to attempt some QRP portable operation. My first two attempts had results that were similar to yours; everything tuned-up fine, however, received signals were weak and no one could hear me.

In the case of the first hotel, despite an outwardly "benign" appearance, close inspection revealed that the hotel had an old-fashioned "tin-roof" covered with tile! I guess one could call me the "tuna-tin sender" hi!

The second hotel was a very nice Day's Inn. Similar results; tuned-up fine, but no one could hear me. Close inspection revealed this hotel was constructed of poured concrete and, despite being on the top floor, the ceiling was concrete as well.

Operating from hotel rooms is a gamble. I suspect you might have been a "victim" of some hidden construction characteristics that rendered your signal ineffective. Internal pipes, wiring, or metallic components to the construction can significantly impact the performance of the portable antenna. This seems to be a greater problem with newer hotels.

I've had some good luck and some great fun operating from hotels. However, the more modern facilities seem to be decidedly "amateur unfriendly." My approach is to have another diversion available. Give it another shot and

you might find you have better luck. In the meantime, if you're really intent on operating, you may want to take a close look at the building as you drive through the lot before registering for a room!

Good luck, and 73, Jim WB8SIW

Date: Fri, 25 Feb 2000 10:07:43 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: <launerb@crl.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [64145] RE: GROUNDS: gas pipes, hot water pipes
Message-ID: <000001bf7faa\$73746900\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It would be safe for a "far away" strike. But, like you say, for a direct strike it will do nothing but fry everything in your house. You can get spikes of several thousand volts from a strike 100 yards away. So as a rule, when a storm is coming disconnect your equipment, put it in an anti-static bag, put it back in the original shipping box and hide it under your bed.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> William H. Launer
> Sent: Friday, February 25, 2000 9:54 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: GROUNDS: gas pipes, hot water pipes
>
>
> The water pipe coming in to my basement (installed by the
> city) from the
> water meter (at the street) is plastic. You certainly can't
> count on any
> water pipe being a good ground!
>
> Although it can't be counted on as an rf ground, if your
> power connection
> to the mains is via a three wire plug, won't the third wire provide
> adequate safety? I realize that it isn't adequate for a
> lightning hit, but

> then what is (other than complete disconnection and removal of the
> feedlines into the house)?
>
> Bill wb0cld
>
> Bill Launer wb0cld
> St. Charles, MO
>
>
>
>
>

Date: Fri, 25 Feb 2000 10:14:35 -0600
From: "John Scott" <kk5vh@texas.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [64146] RE: QRP in USA and Elecraft K2 transceiver...
Message-ID: <000001bf7fab\$68273b80\$9b6263d1@junior>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Check out the latest QST, They have completed their evaluation.
They have many good things to say about it..

72's, 73's, and 74

John
>From the wilds of Round Rock, TX.
yup, there is a round rock here.
KK5VH Fists 4599, QRPL 1700, SOC 179

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
St phane Collas
Sent: Friday, February 25, 2000 7:01 AM
To: Low Power Amateur Radio Discussion
Subject: QRP in USA and Elecraft K2 transceiver...

Hello All,

It seems that QRP is a growing activity accross the pond.

The Elecraft K2 seems to be a great transceiver.

I have all the informations on the K2, and I am going to purchase one.

I will be interested to know the opinion by the owners of this rig,
especially about dynamic, selectivity, sensitivity, stability you have noted
down.

73's de Stephane, F5NZY.

<http://www.qsl.net/f5nzy>

Date: Fri, 25 Feb 2000 16:46:28 +0000
From: Bryan Koen <bryan@koen.net>
To: qrp-l@lehigh.edu
Subject: [64147] Tentec Kits
Message-ID: <20000225164628.A8219@genesis.koen.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Does anyone have any experiences (good/bad) with building the Tentec
QRP xcvr kits that they could share?

Thanks,
Bryan Koen
NOYKN

Date: Fri, 25 Feb 2000 12:14:44 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: qrp-l@lehigh.edu
Subject: [64148] Archaeological dig uncovers steange board!
Message-ID: <38B6B884.3113@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi guys.

This morning I was digging through some old papers and found a strange

printer circuit board, along with a long missing Log book! The board is green solder masked with 7 IC's and 1 transistor. The only marking is on the back - it says: SWL 10/99, rev A. Sound familiar to anyone? Dave, is it one of yours and if so which one? I might like to build it!

73

Date: Fri, 25 Feb 2000 12:17:27 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64149] Re: Cheezy Fox Alert
Message-ID: <38B6B927.E36FEBA4@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can someone tell me if the fox ever operates in the N/T+ part of the band?

Michael - N4NMR

Bcieslak@ra.rockwell.com wrote:

> Coming March 1st, 01:00 - 3:00 UTC 7.040 ish
> (That's Tuesday Feb 29th, starting 8:00 PM EST, 7:00 PM CST 6:00 PM MST 5:00
> PM PST)
>
> The QRP Cheeseheads ARC will be operating NQ9RP. (Not mention eating and
> drinking and rabble rousing).
> Join the fun.
>
> Brian AE9K / NQ9RP

Date: Fri, 25 Feb 2000 12:31:40 EST
From: Makos327@aol.com
To: qrp-l@lehigh.edu
Subject: [64150] Thanks Roger & John, et al. re: Super CMOS keyer
Message-ID: <ce.2070057.25e8167c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Special thanks to Roger N7KT and John W2XS for their help in getting to me

the instructions to the Logikeyer Super CMOS II keyer. And to all thr rest of you who responded thanks so much for your kindness! I hope I'll be able to repay you guys with some needed information you might have one day.

73 de
Larry N2ELW

Date: Fri, 25 Feb 2000 12:34:10 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64151] Re: B. G. Micro Comment
Message-ID: <38B6BD12.3C30913C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How doers one recharge one of these batteries if I get one.

Michael

Dennis Payton wrote:

> Several guys mentioned buying B. G. Micro's 4.5 AH battery in the neat
> little carrying pouch so I bought one. It's a great deal for \$7. I thought
> I'd also share a couple other good deals they have....and a bad one. They
> have house marked PN2222's with trimmed formed leads for \$.01 each and RCA
> 4013 power transistors for \$.99 each - both great deals. He has the 4013's
> listed as 2N3553* but they're a hotter transistor than a 3553. He said he
> has them listed as 2N3553* because he doesn't think people would recognize
> them.
>
> The bad deal is a 20 watt non-inductive power resistor they sell as a QRP
> dummy load. It's a wire wound resistor that (I think) is wound in a manner
> that makes it non-inductive at a specific frequency (2 Mhz?). After finding
> them useless I complained, and he immediately made it right.
>
> - Just some comments in case you're preparing to place an order.
>
> Denny Payton, N9JXY
> Auburn, IN

Date: Fri, 25 Feb 2000 12:36:14 -0500

From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [64152] 10m digital DX, my 2nd floor ground system & a water pump run by SMT relays
Message-ID: <20000225.123623.-578143.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

I'm looking forward to this weekend. One of my co-workers who is much more quite lucid than I will be running his battered & abused TR7 on 75 or 40 or whatever we find open. He wants to try his antenna. Maybe I'll have my antenna moved & will have survived Cindy finding out about it. Then he & I will tests whatever's left of my antenna against his antenna.

His shack is in the basement. He has a ground system that goes from his radio, through the cell phone pouch that doesn't have a cell phone in it, even though he can see a cell phone tower from his front window, to the water pipe that goes next to the place in the basement wall where the water comes through when it rains, thus providing him with excellent soil conductivity. But his house is located in a former native american burial field, which, although being horizontally polarized, does cause some concern for the safety of his water pipes. They're next to the holes where the gas line comes in, but he doesn't use the gas line as a ground. He was a fireman once, before he went to the seminary to become an A/V dude at a hotel, which was before he moved to this area again & got a job where he has to carry a pager every once in a while.

I worry about pagers because they might turn up at any time and announce something important, for which you or I will need a cell phone, even in the basement next to the water pipes where the burial field intensity gets above a couple million volts @ half an ampere, which is enough to keep me from touching anything with buttons on it. In fact, at this point in my life, anything with buttons on it can get me arrested, and I don't have a cell phone to call the gas company to make a donation.

So Frank & I are gonna test his new antenna. Then I'm gonna have to run another ground wire out the window & down the side of the house to the pipe that goes into what used to be a cistern but which now is filled with rubble and is under the 2nd bath room downstairs, where I can't tie up a ground 'cause the pipes at the 2nd story office level are more than five feet from the pipes entering the water heater after going through the water pump, which has plastic pipes except where the well is, by the ground field where the cats hide waiting for birds to fall out of the skies after being fried by errant cell phone signals that Frank & I won't be listening for even if we could.

I am concerned also about this ground wire going down the side of the house to the cistern pipe. How do I know that the pipe is grounded? Does it actually carry a charge from the power lines that run across the back lot? Or am I overreacting like a bull roadie trying to protect his phony-baloney job & the cell phone that he's always answering as if it were a nun asking him about the Pope. I understand the Pope also has a cell phone. It's his hot line, not to be confused with a gas line, which I guess you can't use for a ground, even if it is in the ground and you couldn't get to it anyway.

Maybe this makes sense to you. If it does, please return to the gas line burrito beans & rice chicken little falling birds from cell phone radiation discussion currently under way. Not to much currently though, 'cause it might charge the lines too much & the banks would never reconcile the different accounts, banks usually being by rivers & thus exempt from grounding with pipes or ladders or old truck tires & broken, rusted bicycles and other stuff that people around here throw into 'em.

Have a nice weekend. See you all on Hell . . . or PSK or RTTY or whatever ain't grounded right.

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://home.fiberia.com/wb8ijn> -- W8IJN --

<http://members.xoom.com/nilsbull>

In my day you had to FIGHT to have a ground! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 25 Feb 2000 11:29:59 -0500

From: jmarran@juno.com

To: QRP-L@Lehigh.edu

Subject: [64153] WTB: Powermites

Message-ID: <20000225.124330.-777605.2.JMarran@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Hello all. I'm interested in purchasing a Powermite to add to the stable here. Can be any condition. DOA is OK, too. Any model/release is ok, as well.

John Marranca, Jr
KB2HSH
181 Marine Drive
Amherst, NY 14228
(716) 691-0310

Introducing the Powermite..../Powermite Owners Group
<http://homestead.juno.com/jmarran/KB2HSH.html>

Date: Fri, 25 Feb 2000 09:46:48 PST
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [64154] KITS: NorCal Surface Mount Transceiver in the Pipeline (Update & Thankyou)
Message-ID: <20000225174648.30581.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Wow!!!!!! What a response from the list. Over 50 messages of encouragement, 1 saying that it will never work and is not needed (too many problems with SM parts for the average guy), 1 discouraging me to kit it. Thanks for the response. I talked with the designer last night, and he was thrilled. It was far beyond our expectations, and it really boosted our morale. That is what is so neat about this list. It is wonderful. Instant feedback and encouragement, both tools that are desperately needed to make progress.

I also need to clarify something. NorCal will be kitting 200 to 500 of these, probably all on 10 meters. We will do enough to keep the costs reasonable, and to recover our R&D costs. NorCal does not want to do 2000 or whatever of the same kit. That is not our purpose. We want to try new things and ideas that would be harder for a commercial company to do. We want to push the limits, try new things and ideas.

Think about this. IF the kit is a failure, say that SM is too hard for the average guy to do, then who gets the blame? NorCal and Doug Hendricks. We don't and I don't make my living from QRP (actually it costs me money, just like the rest of you guys, but I tell my wife it is better to be spending money on QRP than "fast women", grin.) So if it fails, it doesn't take us down. But if a commercial company would be the first to try this, and it was a failure, then it is a different matter. IF it succeeds, then

commercial companies have a benchmark, something to hang their "hat on" to encourage them to give a SM kit a try. They will obviously be watching this with great interest, and I am sure that they will learn from our successes, and profit from our inevitable mistakes. It is a risk, but one that we are more than willing to take. And, the support that I received yesterday goes a long, long way towards helping us achieve that goal. Thank you.

Now what will happen. Yesterday I mentioned rigs on 10, 12, 15, 17 & 20 meters. If the project is successful, it will be turned over to a commercial vendor and become a commercial kit. NorCal won't be involved past the initial stage. There will be kits available for everyone that wants one, but it will come from the commercial vendor. We don't know who that is now. The cost will be more than the NorCal kits, because the vendor has to make a profit. Judging from the response so far, the QRP world seems to be ready to build with SM parts, or at least give it a serious try. We have lots of things to work out, but that is the fun part. We have to figure out how to package the kit so that the parts can be identified, and do it in a way that doesn't take forever to do each kit. By the way, this is not a novelty rig, but a full featured single band transceiver with an excellent receiver, adequate power (2+ Watts) and fun to operate. It will probably have 100+ parts.

Please don't send money. We will announce it when it is time. Thanks again to everyone for the support, and it is great to have a resource like QRP-L, thanks Jim Eschleman for your support and work. 72, Doug, KI6DS

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 25 Feb 2000 09:49:03 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64155] Re: KIT: NorCal Surface Mount Transceiver in the Pipeline
Message-ID: <20000225174903.5184.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

10m + surface mount + DDS = interesting project !

it would be good for some simple projects that could be posted that can be built from surface mount junk parts be posted to the list. soldering practice sounds good, but there is nothing like building something simple that works to build our confidence before we build a full rig. now i remember some things being in QST recently - i'll have to look thru

the stacks.

Working W7ZOI a couple weeks ago with my "ricebox" i was thinking i do need a home-soldered QRP rig for 10m.

per postings, it would be good if provision on the board would allow a second xtal to be added to receive the satellite band - as i just bought a 10m monobander for that very purpose. given the DDS tuning capability, some capability to add a frequency display or audio CW output would be good also as an add-on option. but yes ... designing for a \$ 50 kit price target means making these as builder options.

thanks for the advance notice for a potential offering.

=====

Curt WB8YYY
Eldersburg, Maryland

<http://www.qsl.net/wb8yyy>
HW-8, 40m ugly weekender, 38S

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Fri, 25 Feb 2000 12:50:27 EST
From: FrConrad@aol.com
To: qrp-l@lehigh.edu
Subject: [64156] Idea for NorCal SMT kit.
Message-ID: <60.fdb3a2.25e81ae3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To Doug and all...

First, kudos to the NorCal group for once again being on the cutting edge of our hobby. Count me in for one of each of the kits--I'll start saving my quarters now.

As a part of the impetus of this project seems to be to get us over the surface-mount anxiety, I wonder if the kit could be shipped with a scrap of board and a few extra surface-mount components to practice on before we start on the "real" kit?

I remember as a kid with Knight kits they offered a little "learn to solder" bit that contained a terminal strip (remember those?) and a couple of resistors and capacitors. I'm sure this increased the number of kits that actually passed the smoke test.

As a final note, many thanks to those who have maintained the piquant banality of the "cellphone" and "gas-pipe-as-roman-candle-ground-rod" discussions. Makes the SOC stuff last week seem sane by comparison. As Herod no doubt said to his dancing stepdaughter, "All things are relative...".

John+

WB6MFS

Chaplain and spiritual leader of the SOC, among other things.

Date: Fri, 25 Feb 2000 10:20:44 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64157] FOX:What?
Message-ID: <38B6C7FC.FC1D0187@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, Tom was 339 for the full 2 hours last night.

Tom never heard me... I also apologise that on 2 occasions I accidentally swapped the split VFO's on the K2 and sent directly on the fox frequency, but I did find company there.

Tom, thanks for the hunt. I copied nearly every QSO but just couldn't break the pileup.

Just got back from my electromyogram. Even on the lowest settings I nearly jumped outta my skin...

Maybe they'll figure out why I can hardly type anymore.
(That's part excuse for my poor spelling at times... typos.)

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Fri, 25 Feb 2000 10:27:32 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64158] Re: FOX:What?
Message-ID: <38B6C994.4A0BAF59@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hmmm. I guess I did get a qsl in the hunt.
Fancy that. I thought I hooked up once at
the end but the digi-?!?* is horrible here on
7041 +/- 1.5 KHz (1,5 KHz UTC)

Good ears Tom. -Ed

--
-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Fri, 25 Feb 2000 13:30:20 EST
From: "Greg Wasik" <k1yw@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [64159] Rigs for sale
Message-ID: <20000225183020.3046.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have the following qrp rigs for sale:

1. Vintage OHR QRP-40, 40 meter xcvr, has 4 pole xtal filer, RIT, 2W out for \$50. shipping included.
2. Small Wonder Labs WM-75 with elcosure and PIC AFA. \$100 Shipping included.

You can see them both at <http://www.nationlink.com/k1yw/>

Greg

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 25 Feb 2000 10:36:02 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64160] RE: Gas pipe.cold water pipe,hot water pipe etc: SOLUTION!
Message-ID: <38B6CB92.EE5126A6@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I kept waiting for someone to mention this but
have to step in.

An outstanding solution to the grounding problem
is to use a .08 to .17 wavelenth circumference
SMALL Transmitting Loop.

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Fri, 25 Feb 2000 10:38:26 -0800 (PST)
From: Chuck Milhorn <cmilhorn@yahoo.com>
To: bryan@koen.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64161] Re: Tentec Kits
Message-ID: <20000225183826.16643.qmail@web1103.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello, Bryan. I built the 40-meter Ten Tec rig about
a year and a half ago and I love it! Mine covers
7000-7090 but you can build it for any portion of the
cw segment. It has excellent selectivity and I've
been able to work almost everything I hear. All of
this with a really poor dipole (15 feet at one end and
4 feet at the other!). Be prepared to spend a little
time with it as it has a lot of components. The rig

is built in steps and has check points along the way which are really helpful. Due to some errors on my part, I had to contact the Ten Tec service department and they were always very friendly and glad to help out. Mine puts out about three watts which has been more than enough to work many states with good signal reports. They are durable as well and I take mine outside and operate portable in the warm months. The rig was reviewed in the Sep. 1998 QST and I would be glad to scan you a copy if you would like. Hope this helps!

72,

Chuck, N4ZDG

--- Bryan Koen <bryan@koen.net> wrote:
> Does anyone have any experiences (good/bad) with
> building the Tentec
> QRP xcvr kits that they could share?
>
> Thanks,
> Bryan Koen
> N0YKN
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Fri, 25 Feb 2000 13:38:13 -0500
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>
To: "'we6w@qsl.net'" <we6w@qsl.net>
Cc: "'qrpl'" <qrpl@lehigh.edu>
Subject: [64162] RE: Gas pipe.cold water pipe,hot water pipe etc: SOLUTION!
Message-ID: <56AE25C909CED311BEA70000D11AD11E3A0AEB@l3c-xchg-cse.mail.cse.l-3com.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Yeah,

Wouldn't you know it would be old loopey Ed who came up with this!

Sorry Ed, I couldn't let that one pass...

Joe E.

-----Original Message-----

From: Ed Loranger [mailto:we6w@qsl.net]

Sent: Friday, February 25, 2000 1:36 PM

To: Low Power Amateur Radio Discussion

Subject: RE: Gas pipe.cold water pipe,hot water pipe etc: SOLUTION!

I kept waiting for someone to mention this but
have to step in.

An outstanding solution to the grounding problem
is to use a .08 to .17 wavelenth circumference
SMALL Transmitting Loop.

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068

<http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Fri, 25 Feb 2000 13:42:11 -0500

From: "Mike Czuhajewski" <wa8mcq@erols.com>

To: <ki6ds@hotmail.com>

Cc: "QRP forum" <qrp-l@lehigh.edu>, "Mike Czuhajewski" <wa8mcq@erols.com>

Subject: [64163] Re: KITS: NorCal Surface Mount Transceiver in the Pipeline

Message-ID: <001301bf7fc0\$07562e00\$5ab0db26@MCzuhajewski.EVI-INC.COM>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Doug, add me to the list of people with positive responses! I think the
handwriting has been on the wall for several years, that SMT parts are here
to stay and leaded parts are slowly on the way out, or at least in a long
term decline. We've got to start getting familiar with building with them
sooner or later, and this is a great way to do it! In fact, I think this
might be one of the QRP kits that I actually finish off and put in a case
and put on the air. (The house is littered with unstarted and unfinished
kits.) And a kit for TEN METERS? Bravo!

For what it's worth, at work we've been using 0402 parts for a few years in

the lab. And even those aren't THAT bad to work with after you get used to them--though we do have the stereo microscopes and other tools that are mandatory to work with them :-). But if you stuff this new kit with 1206's and even 0805's, people shouldn't have much trouble. The 1206's are boulders by comparison.

For the uninitiated, 0402 parts are 0.04" long X 0.02" square on the ends. Anyone working with SMT parts learns pretty quickly to be rather careful about not letting them get lost or jump out of sight, since it can take a while to find them again, even on a clean work bench. With 0402 parts, you learn to be EXTREMELY careful :-)

73 and queue our pea DE WA8MCQ

Date: Fri, 25 Feb 2000 14:05:08 -0800
From: "David Benson" <nn1g@earthlink.net>
To: <w6toy@erols.com>
Cc: <qrp-l@lehigh.edu>
Subject: [64164] Re: Archaeological digs and time warps
Message-ID: <004201bf7fdc\$ac067420\$e41f1c3f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Bruce Muscolino <w6toy@erols.com>

>Hi guys.

>

>This morning I was digging through some old papers and found a strange
>printer circuit board, along with a long missing Log book! The board is
>green solder masked with 7 IC's and 1 transistor. The only marking is
>on the back - it says: SWL 10/99, rev A. Sound familiar to anyone?
>Dave, is it one of yors and if so which one? I might like to build it!

Bruce-

To the best of my recollection, I don't have any boards of that vintage-
that series did have a rev A board, though. Were you going to do a GM-160
with it?

73- Dave

Date: Fri, 25 Feb 2000 13:17:37 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "Second Class" <secondclassopsclub@egroups.com>, "QRP List" <qrp-l@Lehigh.EDU>
Subject: [64165] From the new to the very old, and yes, QRP
Message-ID: <007001bf7fc4\$feffd6480\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, now we got SMTs to solder, but I'm going way back now....

Anyone had any experience running Drake 4 Line transmitters QRP on CW?

I've been doing it on my T-4XB, but can't seem to keep the power level consistent. I set the gain for 4 watts and during a QSO, it looks like the watt meter is kicking up well over that. I do a key down with the straight key also hooked up to the keyer box and now the power reads 8 or 10 watts. I just lied when I told the other station I was running 4 watts, I guess. On the other hand, sometimes it drops to 3 watts. I'm just not sure that this transmitter likes being operated at such low power levels. Somebody tell me I'm wrong.

So back to the Drake manual. It suggests that for Novice operation, hey yea, back when they were allowed 75 watts and xtal control only, set the bias adjust to just barely readable (instead of the normal .07 amps) and use the Gain control to set from there. I did that, but still not sure it's that steady. Guess I'll need to have some more QSOs.

I put in new finals recently after the original ones failed. I've checked most of the other tubes but there is one I have suspicions about but don't have a spare to try a swapout yet. It's in the Gain control/VOX chain too and it could cause the problem.

It seems like when I run the power up full, it's more consistent. Don't want to do that much if I can help it. I might not be able to sleep at night. Ok, I'll confess, I did have a full power (60 watts on 10 meters) SSB QSO today. Just as a TEST though, mind you.... He said it sounded good in California.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle

SOC#198

"Ancient Pistol, I do partly understand your meaning."

Date: Fri, 25 Feb 2000 13:31:36 -0600

From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>

To: <nn1g@earthlink.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [64166] RE: Archaeological digs and time warps

Message-ID: <000001bf7fc6\$eeaf47e0\$ef5d6f81@v8.uthscsa.edu>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I was looking through the "reserve components" (my wife calls it my junk boxes, HERESY!) and found some unopened, "brand new" 0Z4 and 0A2 tubes. Both are the black metal types made by GE. Anyone need any of these things? I have three of each, no charge, just pay postage.

Kevin, WB5RUE

Date: Fri, 25 Feb 2000 19:37:10 -0800

From: dave.g@dja@psilink.co.uk (David J. Ackrill)

To: qrp-1@lehigh.edu

Subject: [64167] Gas Pipes

Message-ID: <E120QWb-0001i4-00@relay2.mail.uk.psi.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>If the Gas Co. is putting a voltage on the gas line, things
>sure could get interesting when someone dig one up, like I've
>seen happen many, many times. (Without any more trouble than
>fixing it).

If I read the thread correctly, what is being referred to is Cathodic Protection. A *small* voltage is applied to the pipe, and the leakage current to earth measured. Oil pipelines use the same system. I'll have to dig up my old text books to get all the details. HI!

So, although digging up a gas pipe is *not* recommended, due the the big bang and ball of flame if you rupture the pipe and cause a spark, the voltage applied wont hurt.

The Electricity industry use this protection on their gas filled cables as well. But that gas is inert and used for insulation (Inert means, wont ignite).

Over here there's a more practical reason for not using gas, or water, pipes as any sort of effective earth. And that's because all the new stuff laid in the ground is plastic! (Well, its polyethylene really, but let's not get too technical - HI!)

Over here, any metal pipework in the house is connected to the electricity earth to ensure that you cant have a voltage difference across any exposed metal work. That's true for gas and water. We have a system called Protective Multiple Earthing (PME) developed from what, I believe, was an American system called Multiple Earthed Neutral (MNE). That's all about combining neutral and earth and saving on one conductor. A three phase cable in a PME system has 3 wires and neutral/earth, a 'traditional' system has 4 wires (3 phases and neutral) with an outer sheath of metal forming the earth.

Hope this helps a bit.

Cheers de Dave (G0DJA)

Date: Fri, 25 Feb 2000 15:10:15 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:bowerm@ix.netcom.com" <bowerm@ix.netcom.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>, Paul Valko <prvalko@oakland.edu>
Subject: [64168] Re: Cheezy Fox ALert
Message-ID: <200002251513_MC2-9AA6-175B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Michael:

Nope, the so-called regular FOX hunt is for General + operators only. For the last couple of seasons I have run the N/T+ FOX hunts for Novices and Techs who have passed their CW requirement. These N/T+ hunts generally are held during the same months as the regular FOX hunts, though this last year they ended at Christmas and we never got started again. Happily, a couple of them upgraded. The N/T+ FOX hunts of course occur in the N/T+ portion of 7 MHz.

72,

DSBF

Bismarck, ND 58506

K0EVZ@arrl.net

Content-Type: TEXT/PLAIN; charset=US-ASCII

73

<http://www.baltimorepress.com/>

Baltimore Press - Smaller, Smarter, Better

Subject: [64170] Re: Cheezy Fox ALert

Message-ID: <Pine.OSF.4.21.0002251523150.10098-1000000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 25 Feb 2000, Wilford D. Lindsey wrote:

> Nope, the so-called regular FOX hunt is for General + operators only. For
> the last couple of seasons I have run the N/T+ FOX hunts for Novices and

Of course prior the the foxhunt getting out of control, :-) it was not unusual for the fox to dip into the Novice Band to try and pick up a QSO or two. Unfortunately(?) the popularity of the event grew to the point where the ops thought (rightly so) that it was draining "points" from their scores.

Thanks to the good heart of Doc, we kept a very special N/T foxhunt open for everyone.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

> Techs who have passed their CW requirement. These N/T+ hunts generally are
> held during the same months as the regular FOX hunts, though this last year
> they ended at Christmas and we never got started again. Happily, a couple
> of them upgraded. The N/T+ FOX hunts of course occur in the N/T+ portion
> of 7 MHz.

>

> Hope this answers your question. We will have to study all this to see
> whether we will offer all this next season (roughly October - March
> annually). Stay tuned :-).

>

> 72,
> --Doc Lindsey/K0EVZ
> DSBF
> PO BOX 6028
> Bismarck, ND 58506
> K0EVZ@arrl.net
>

Date: Fri, 25 Feb 2000 15:31:07 -0500
From: hamjoel@juno.com

To: qrp-1@lehigh.edu
Subject: [64171] Re: QRP in USA and Elecraft K2 transceiver...
Message-ID: <20000225.153110.-196751.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Stephane

Look on the Elecraft k-2 web page and u can find all the numbers u need... or look in the latest issue of QST... THEY DID a rigorous evaluation of the rig... in my opinion it is a classic little radio and will go down as the standard to measure quality receivers...

joel ke1la
mostly freezin

On Fri, 25 Feb 2000 14:01:21 +0100 =?iso-8859-1?Q?St=E9phane_Collas?=<scollas@club-confair.com> writes:

> Hello All,
>
> It seems that QRP is a growing activity accross the pond.
>
> The Elecraft K2 seems to be a great transceiver.
>
> I have all the informations on the K2, and I am going to purchase
> one.
>
> I will be interested to know the opinion by the owners of this rig,
> especially about dynamic, selectivity, sensitivity, stability you
> have noted
> down.
>
> 73's de Stephane, F5NZY.
> <http://www.qsl.net/f5nzy>
>
>

Joel KE1LA
In Maine

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 25 Feb 2000 16:12:21 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [64174] Building with SMT parts
Message-ID: <200002252052.PAA18240@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

I've gotten pretty good at building with these tiny SMT parts, seeing all the DDS VFO's I've put together. It really isn't very hard. In fact, not having to bend leads, flip the board over, solder and clip leads really speeds up assembly.

It really helps to make a little jig to hold down the parts for soldering. I made one out of some scrap wood. It has a 4" square plywood base. A wooden post, about 2" tall holds a lever arm, which is spring loaded. A small finishing nail at the end of the lever arm clamps the part.

Now all you do is place the part, clamp it down, add a little extra pressure with your fingure and solder. Using the clamp, the part don't move around or come back up with the soldering iron. It really speeds things up and reduces the fustration level considerably.

When it comes to soldering down fine lead pitched IC's, I don't worry about making solder shorts between leads. It's almost impossible not to, or to solder each pin individually. Just clean up the excees solder with some wick. It's still important to use very small dia solder and a fine tipped iron. The hard part is lining up the pins on the tiny pads and keeping the chip from shifting as you solder the first lead. The SO IC's with 50 mil lead spacing are a piece of cake.

I've had good luck making boards for SMT projects using the PnP Blue toner transfer film. A good layout program like CirCad that prints 600 dpi to a laser printer is a must. 300 dpi doesn't quite cut it.

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 25 Feb 2000 13:21:44 -0800
From: Ed Loranger <we6w@qsl.net>
To: dandoooley@pipeline.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64175] Re:Drake rigs at QRP
Message-ID: <38B6F268.606132A2@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dan, hope this isn't a duplicate response
someone else posed.

My Drake TR-3 is probably close enough in
design. I had the same problems too.

Solution:
Carrier Balance adjustment.

I found that if you get the Carrier Balance
adjustment (at the right/rear of the unit)
perfectly balance, you not only get down to
5 watts and very stable, but I was able to
get down to milliwatts!

But you have to use the more accurate "external
Receiver" method mentioned in the manual. You
can hear lots of carrier on the external receiver
tuned to the IF frequency of 9.00? MHz. With this
method I got it nearly inaudible and the calibration
resulted in complete control of the output power
at QRP Drive levels.

It works great. 72, Ed we6w

--
-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Fri, 25 Feb 2000 16:23:00 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [64176] A Cajun Mama's Solution to Grounds
Message-ID: <20000225.162303.-197503.0.hamjoel@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all again:

my Cajun Mama wants to say sumthin so I is gonna give her the key board... mercy!

Look here u youngens, my cajun lad an't got no ground problems, head problems yes, ground no... I an't no ham... radio wise... but I got to tell u... get a brain... then go to wal mart or somewhere and got u self a vom... yea I kneaux that term...

attach one lead to the pipe u gonna ground to and run some wire to reach the other end where the pipe goes into the ground... set the meter to rx1 and measure the ohms u got in the line... If u got a bunch to too many ohms u got u self a poor ground... if u got 0 to 1 ohm then maybe u got something... no guessing no messing...

now if u are on a second or third flow or meaux... u can use a knife switch where the coax or leadin comes into the building and ground it to sumthin when u think that's necessary... U city folks sure can make a simple thing difficult...

my young cajun lad ties some kite string to his lead in wire and tosses it out the window when bad wx comes and pulles it back in with the string when the danger passes.. smart lad for a dummy....

Think about it for a while, you young whippersnappers.... if u gonna invite a lightning bolt into the house at the backside of ur radio and expect that lightning to go down a pipe to the basement without blowing up sumthing, u need to take up aligator wrestling.... don't let the lightning bolt get into the house in the first place, if u can help it... if u can't stop it, then pray a lot...

There I feel better now... here is my young cajun lad again..
high y'all... never seen my cajun mama so fired up... course I took a lightn hit last year and since then she kept shooting my antenna down everytime a storm came by.... finally talked her outta that by throwing the ant lead outta the window...

Joel KE1LA
In Maine

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 25 Feb 2000 13:32:08 -0500
From: wpc@west.net (ElectronicsUSA.com)
To: qrp-1@Lehigh.EDU

Subject: [64177] New Product / And a RealAudio Test Tonite
Message-ID: <v0153050ab4dc79f17ad1@[205.254.241.233]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings QRP-L'ers! Two Things:

New Product: The MK-48 Pocket Mini-Combo Key.

The MK-48 combines our Model MK-44 Iambic Pocket Mini-Paddle & our MK-11 Pocket Micro-Key all in one unit - built inside one of our famous "little red boxes" of course. It's been up on the website for a few weeks, but I have never formally announced it here.

Price: \$24.00 plus S&H

Webpage: <http://ElectronicsUSA.com/mk.html>
=====

***Off Topic.....but something **VERY FUN** tonite if interested.

My other big hobby is being a Jazz Host for KCLU-FM. Tonite, Friday, from 8pm to 1am Pacific Time, I will be hosting the station's Jazz Request show. I invite you to listen in via Real Audio, call in, say hello, and of course request some great Jazz!!

We just installed a Real Audio server, and we'd also like to put it to a BIG TEST in terms of how many good solid connections we can support.

So, I hope you'll listen and participate in our Real Audio test, and of course, you can help me choose some great Jazz to play!!

KCLU Website: <http://kclu.org> ***Click on "What's New" and look for the KCLU Real Audio Broadcast Banner. Listen in TONITE from 8pm to 1am Pacific Time. The studio line directly to me for requests is:
+1-805-493-9200

Thanks and I hope to hear from you, even if it's just to say hello and to let us know how we sound on Real Audio. I will acknowledge on the air everyone who calls and QRP-L as well!!

72, Jack WA6KY0

Jack Roblin
ElectronicsUSA.com
"Pocket Mini-Keys, QRP Accessories, Cool Gadgets"
<http://ElectronicsUSA.com>

Date: Thu, 02 Dec 1999 16:46:04 -0500
From: Brian <brian@iquest.net>
To: n9ssa@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [64178] Re: FOX: N1TP "Preliminary Log." 2-25-00 - Tom in SW FL.
Message-ID: <3846E89C.8AF397EA@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I could hear some hounds in Indiana, but for the first time, I couldn't hear Tom. Jeeesh.

I was on for the last hour. QRN/M was wicked. Did manage to work KV2X/M in rochester ny but that was the best I got all night.

"Pete (N9SSA)" wrote:

>
> Poor, poor Michigan. We were almost shut out on this one.
>
> I tried for two hours to battle the QRN. Man! The weakest signal I was
> hearing was the fox! 45 minutes at .5 watt, then to 3, then to 5. ARG!
>
> I'd bet money that ??9el was my good friend and elmer, W8EL,
> Ernie. Ernie's my current opponent on a local qrp challenge here in
> Holland michigan (<http://www.qsl.net/n9ssa/mpw.html>)
>
> Throughout the hut, Ernie and I were working the hunt, and sharing comments
> on 2 meters. It was GREAT!
>
> TU Tom!
>
> At 03:02 AM 2/25/00 , tom palmer wrote:
> >What an experience! Thanks to all. I've been e-mailed a few
> >notes to say "QRM was bad." I didn't notice that but once because
> >I was concentrating on Hounds calling. The large number of
> >"cricket-like" signals overlapping one another is somewhat overwhelming.
> >By far the primary reason FOXII are not able to work more Hounds is
> >because Hounds are tumbling over each other. But for that fact, FOXII
> >could hear and, therefore, work many more Hounds. As usual, the far
> >west came up, as if by magic, late in the Hunt. I'm sorry I did not hear
> >N1ODL. I wanted to give Aron his first pelt. I heard a "??9el" many,

> >many times, but just could not pick out his call sign. I'm sorry about
> >that because it was "Oh, so close." I know many other Hounds were
> >calling, but I just could not pick them out of the din. The pile-up
> >never did "thin out." Well, so much for these ramblings. Here is the
> >"Preminiary Log." Thanks, again.
> <snip>
>
> N9SSA - Pete Hoffswell
> Holland, MI - EN62wt - 42.79N 86.15W
> n9ssa@arrl.net <http://www.qsl.net/n9ssa>
> QRP-L #2109

Date: Fri, 25 Feb 2000 17:25:46 -0500
From: "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [64179] Re: QRP in USA and Elecraft K2 transceiver...
Message-ID: <896vms\$1lm\$1@p1k.arrl.org>

hamjoel@juno.com wrote:

> Look on the Elecraft k-2 web page and u can find all the numbers u
> need... or look in the latest issue of QST... THEY DID a rigorous
> evaluation of the rig.... in my opinion it is a classic little radio and
> will go down as the standard to measure quality receivers...

I do have a standing offer to my QRP-L friends who are not members or who do not access to the Web that I will email them the large .pdf file that is the K2 Expanded Test Result report. Email to w1rfi@arrl.org or w1rfi@arrl.net.

As my sidebar in the Product Review summarized, this radio fared exceptionally well in its basic receiver performance. The one we tested had dynamic range performance that was on a par with the best (and most expensive) radios tested for Product Review. While the big-gun radios do have a good combination of features and performance, I was very impressed that a radio in this price class could exhibit receiver performance that stands so proudly with the top-end radios.

I will, btw, be using a K2 as one of the stations in the W1FB event this weekend. Still on schedule for 2300 UTC on 2/26 for the first scheduled QSOs, then on for a weekend of fun. KC1SX has volunteered to work the Novice/Tech+ bands, so we should have a total of as many as 5 bands up and running. A nice color certifi-cat featuring the Doug DeMaw Memorial Station inaugural event will be sent out to ALL who participate. (I am having a ball, so the postage is on me!)

I will check my email tomorrow and Sunday afternoon and send out any K2 reports and arrange any skeds for those who need to sked the W1FB special event.

73,
Ed Hare, W1RFI

Date: Fri, 25 Feb 2000 17:42:45 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [64180] Re: FOX: N1TP
Message-ID: <38B70564.4D8F88FB@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It was almost amazing how Bruce, VE5RC, appeared "out of the blue" - punching right through the din. I heard him 599 and he heard me 229 - and "a generous report" at that. This QSO was "one-way skip to the Nth degree. In fact, Bruce had about the 3rd or 4th best signal during the entire Hunt.

Tom, N1TP

Bruce Rattray wrote:

> Hello Mac!....thanks for the signal report your way...I really thought it
> was going to be another peltless hunt for me...HI HI....but then I finally
> heard him...having participated in the hunts for a few years now, I have
> observed that most of the time it is one-way skip from this qth... meaning
> the fox hears me much better than I hear the fox.....99% of the time the
> fox never moves my S meter....my signal report of 229 to the fox last
> night was being generous...even a 119 wouldn't have been correct as the S
> meter wasn't indicating "1"....so I make a judgement on how I'm hearing
> the fox....I believe when Chuck began the hunts, part of the reasoning was
> to observe propagation effects....well this is what I have observed from
> this qth.....it ties in with a study that the Canadian Research Council
> did many years ago regarding east/west propagation in Canada.....one of
> the things they observed was one-way skip conditions....and so it goes...
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

> A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
> On Thu, 24 Feb 2000 Macstein@aol.com wrote:
>
> > I heard you solid 559. Honest. And, Tom has a MUCH better antler than me,
> > so "you done good" down this way. Sounds like it was better one way than the
> > other, 'cause I have an attic dipole! The digital stuff just below and on
> > him was pretty bad tonite, but I was hearing 6 and 7 land calls as well as VE
> > yelps through the noise. Lots were calls close to his transmit sig, and he
> > was listening up until the end. It will be interesting to see his log!
> > Congrats big time Bruce!
> >
> > -MAC-
> > AF4PS
> > Odessa, FL
> >

Date: Fri, 25 Feb 2000 17:53:10 EST
From: K1JD@aol.com
To: Macstein@aol.com, qrp-l@lehigh.edu
Subject: [64181] Re: [FOX] N1TP Fox outing
Message-ID: <6e.10d7069.25e861d6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

>John, K1JD seems to have a
>"pipeline" to my location here near Tampa, and I think we could probably set
> a microwatt record!

Mac, group:

There must be some kind of propagation advantage N/S along the east coast. Due south of this island (Jamestown, RI) is open ocean, and the signals from FL are typically very loud. This has prompted me to ask Mac periodically "are you still using an indoor antenna?" because he too is loud, Tom N1TP is very loud, etc.

Might be a good idea to attempt a low power record. Let me know if you guys want to try.. I'm game.

72/3,
John K1JD
Jamestown, RI
<http://hometown.aol.com/k1jd/index.html>
K2's #139 & 583

Date: Fri, 25 Feb 2000 16:03:04 -0700
From: Ken Knecht <kenk@primenet.com>
To: qrp-l@lehigh.edu
Subject: [64182] Use 1N5711s in WM-2?
Message-ID: <3.0.6.32.20000225160304.00858b30@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just got some 1N5711s from Dans. I bought them with the idea of switching the 1N34As in the WM-2 for 1N5711s in search of better accuracy/linearity. Is this a bad idea?

Anybody tried this? Any other parts I need to change?

TIA

Ken

Date: Fri, 25 Feb 2000 16:14:25 -0700
From: "Marshall Emm" <mgemm@emtechnologies.com>
To: qrp-l@lehigh.edu, cqclist@cqc.org
Subject: [64183] CQC QSO Party Sunday - Rules & Clarification
Message-ID: <200002252313.QAA22989@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: Quoted-printable

First, a clarification-- the homebrew class includes kits, but is limited to entries where both receiver and transmitter are homebrew (or a transceiver, of course). HB transmitter with commercial receiver (or vice versa) does not qualify for the HB class.

I've been able to operate a bit more over this last week or so and condx looks pretty good. Haven't heard any solar storm warnings to mess up the upper bands, so don't forget 10 and 15!

Now, the rules one more time...

CQC Winter QSO Party

sponsored by the Colorado QRP Club

When: from 2200 UTC Feb. 27 until 0359 UTC Feb. 28.

Band/Mode: CW - 1.825 3.560 3.710 7.040 7.110 14.040 21.060 21.110 28.060
28.110 Phone - 1.910 3.985 7.285 14.285 21.385 28.385

Exchange: RS(T), state/province/DXCC country, first name, and CQC no. or power output.

Classes: CW and Phone. Single band, Multiband, and Homebrew. Single operator only.

Score: 6pts/4pts/CW QSO with member/non-member; score 3pt/2pts/phone QSO w/member/non-member.

Final score is QSO pts X states/provinces/DXCC countries X number of first names worked, one/letter of the alphabet, 26 max. Bonus points for working W0CQC station =96 1000 points.

Entry: Electronic logs in ASCII text format only, may be sent to: contest@cqc.org

Mail logs to:
CQC Contest
POB 371883
Denver CO 80237-1883

For sample Log, and Name sheets, send SASE and one unit first class postage to:

Jim-KG0PP-CQC Contest
POB 31575
Aurora CO 80041-0575

See Colorado QRP Club site on the web at www.cqc.org
Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Fri, 25 Feb 2000 16:17:03 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, cqclist@cqc.org
Subject: [64184] W0CQC on Sunday

Message-ID: <200002252315.QAA23219@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

W0CQC, club station of the Colorado QRP Club, will be on the air for the CQC Winter QSO Party on Sunday. It's worth a 1000 point bonus, so keep an ear out!

Marshall Emm, N1FN
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Date: Fri, 25 Feb 2000 17:12:58 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: bowerm@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [64185] Re: B. G. Micro Comment
Message-ID: <38B7289A.F2B98678@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Bower wrote:

>

> How doers one recharge one of these batteries if I get one.

Since the early days of Nicads I have used a homemade charger that I put together. All the components are in the Positive line- It uses a 120vac primary, 12vac secondary Radio Shack transformer that is center tapped at 6vac. A DPST switch selects the voltage that is fed to a single silicon rectifier in halfwave, with a 1000 mfd 18vdc electrolytic filter cap across the DC output. The output is fed through a large (25 watt) wirewound adjustable resistor (rheostat) which is also in series with a 300ma ammeter, and the + output lead goes through a 1amp fuse and hooks to the ammeter. Here's the circuit- (I hope it comes out OK)

(sw.)
----)|(-----] 12vdc
120)|(
I---(diode)--(Meter)--(RHEOStat)--(FUSE)--|---> (+)
vac)|(-----] 6vdc +_-

```

      )|(
----)|(------|----->
(-)
  ^
  xfmr

```

Cap. _

The order in which the parts in the + line are wired (after the 6/12volt switch) is not important. Make sure the diode is correctly polarized.

The charger is built on a 6x8inch piece of pine board with a 6x8 inch piece of aluminum sheet for a front panel, screwed to one side of the pine board. The transformer is screwed to the board as is the small scrap of aluminum that the silicon diode is mounted on (I used a small stud mount diode but most anything that will handle the current will do). The 6/12volt toggle switch, meter and rheostat are mounted on the front panel. I mounted a pair of old Fahnstock clips on the rear of the board to serve as output terminals, and the filter capacitor is soldered across them. A red and black test lead hook to the Fahnstock clips and clip to the battery terminals.

To charge almost any cell or battery, I just hook up the positive and negative leads, adjust the current shown on the meter to ten percent of the rated current of the cell or battery and let it charge for 12 to 16 hours. Overnight is usually enough. For single cells and lower voltage batteries, switch the transformer switch to the 6volt winding. For higher voltage batteries, set it to the 12 volt winding, and adjust the rheostat to read ten percent of the cell or battery's rated current.

I've used this home made charger for over 20 years with very good results and no trouble. It is NOT a "set and forget" unit however, you must make sure to deal with it. Most cells or batteries, when discharged, will draw higher current for awhile when charging starts, which requires you to reset the rheostat after an hour or two, since the current will drop considerably below the ten percent level, and must be increased if the cell or battery is to charge properly over the 12 to 16 hour period. It is important to adequately charge all cells and batteries while avoiding overcharging, which will severely limit their useful life.

This charger can be scaled up or down as needed for charging most any cell or battery bank. It's essentially the same as most simple commercial non-regulated chargers (or at least as they used to be).

Dick W0EX

Date: Fri, 25 Feb 2000 16:26:15 -0700
From: "Richard and L. C. Hayden" <rhayden@dzdn.com>
To: qrp-l@Lehigh.EDU
Subject: [64186] cruise thanks
Message-ID: <3.0.6.32.20000225162615.0079d820@pop.dzn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would like to thank all of you who responded to my request for
information about cruises with radios.
The information will be very helpful. As usual, the group came through.
73's
Rich
wa5rmh

Date: Fri, 25 Feb 2000 15:55:27 -0800
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [64187] LOOP Antenna Article from 1967.
Message-ID: <38B7166F.5C8B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang, this is a great article.

<http://perso.wanadoo.fr/f5qz/pagham/downtoea.htm>

Army loop of 1967. -Ed

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-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

End of QRP-L Digest 1742

